

Project Report Computerisation

90489

BONUS MODULE

PROGRAM LISTINGS


```

*=====*
*          (BONUMENU.PRG)          *
* THIS PROGRAM GENERATES THE MAIN MENU *
* FOR THE BONUS MODULE. THE WHOLE BONUS *
* MODULE CAN BE RUN BY USING VARIOUS *
* OPTIONS IN THIS MENU.            *
*=====*

set talk off
set echo off
set stat off
set scor off
set safe off
set proc to calendar

char=" "
char1=" "
conf=" "
do main
set colo to g+/b
@ 9,30 say "Before starting with this "
@ 10,30 say "Bonus Module is your "
@ 11,30 say "Month.dbf Updated to "
@ 12,30 say "the current month's "
@ 13,30 say "Data . press (Y/N) "
@ 15,30 say " " get conf
set colo to
read
if conf="n" .or. conf="N"
do update
else
do while char1=" "
set colo to g+/gr+
@2,2 clea to 23,78
set colo to gr+/r+
@ 4,24 clea to 23,55
@ 4,25 to 23,55 double
@ 5,36 say "Bonus Menu "
@ 6,26 to 6,54
@ 8,30 say "1. Making DBF file"
@ 9,30 say " (monthwise)"
@11,30 say "2. Calculating Bonus"
@12,30 say " (monthwise) "
@14,30 say "3. Calculating Bonus"
@15,30 say " (yearly) "
@17,30 say "4. Reports"
@19,30 say "5. Exit "
@21,30 say " Enter Choice "
@22,35 say " " get char
read
do case
case char="1"
do bonmodul
loop
case char="2"
do bonmodu
loop
case char="3"
do prnbon
loop
case char="4"
do prmobonu

```



```
        loop
        case char="5"
            set colo to
            clos all
            clea all
            clos proc
            clea
            char1="1"
            exit
        endc
    endd
    set colo to
    endi
    retu
*=====*
```



```

*=====*
*      ( BONMODU1.PRG )      *
* THIS PROGRAM AUTOMATICALLY CREATES AND *
* APPENDS TO A PARTICULAR FILE WHOSE NAME*
* IS SPECIFIED BY THE USER . THIS PROGRAM*
* CAN BE CALLED BY USING THE OPTION 1 IN *
* MAIN MENU.                  *
*=====*

```

```

publ month,days
sele a
use month
sele b
use calbonus
sele a
month=space(5)
days = 0
do zoom
@ 12,55 say "Enter Month & Year"
@ 13,55 say " as (mmm) (yy)"
@ 14,55 say " " get month
read
@ 15,52 say "Tot.Days in Month"
@ 16,55 say " " get days pict "99"
read
set colo to
if month = " "
exit
else
@ 10,51 clea to 17,74
do zoom
@ 12,55 say "Wait..."
@ 13,55 say "Creating & "
@ 14,55 say "Appending file"
@ 15,55 say "&month "
sele a
copy stru to co&month fields
empno,emp_name,basic,fda,vda,payableday,x1
use co&month
endi
use co&month
appe from month
@ 12,52 clea to 16,73
@ 13,55 say "Indexing...."
@ 14,55 say " File..."
set colo to
inde on empno to co&month
do zoom
@ 13,55 say " DONE ....."
@ 14,55 say "Press any key"
@ 15,55 say " to Return..."
set colo to
wait""
endi
retu
*=====*

```

```

*=====*
*          (BONMODU.PRG)          *
* THIS PROGRAM CALCULATES THE BONUS FOR *
* EACH EMPLOYEE FOR A PARTICULAR MONTH *
* BY USING THE DATA FILE CREATED FROM *
* OPTION 1. THIS PROGRAM THEN APPENDS *
* THE CALCUALTED BONUS TO CALBONUS.DBF *
* IT CAN BE CALLED BY USING OPTION 2. IN*
* THE MAIN MENU.                    *
*=====*

```

```

publ month,days
sele a
use month
sele b
use calbonus
sele a
month=space(5)
days = 0
do zoom
@ 12,55 say "Enter Month & Year"
@ 13,55 say " as (mmm) (yy)"
@ 14,55 say " " get month
read
@ 15,52 say "Tot.Days in Month"
@ 16,55 say " " get days pict "99"
read
set colo to
if month = " "
exit
else
do calcu
endi
sele b
inde on empno to calbonus
retu
*=====*

```



```

*=====*
*          ( PRNBON.PRG)          *
* THIS PROGRAM CALCULATES THE BONUS FOR *
* EACH EMPLOYEE FOR THE WHOLE YEAR. THIS*
* CAN BE CALLED BY USING THE OPTION 3.  *
* IN THE MAIN MENU. THIS OPTION IS TO  *
* BE USED ONLY ONCE IN A YEAR.        *
*=====*

```

```

publ
att,att1,emp,ch,reco,totbon,totpay,totgross,paiddays,overaldays
sele a
use month
sele b
use calbonus inde calbonus
sele c
use prinbon
sele a
set rela to empno into b
att=0
days = 0
days = 0
reco=1
do zoom
@11,55 say " Calculating"
@12,55 say "Bonus for each"
@13,55 say "Employee for"
@14,55 say "Whole Year..."
sele b
go top
emp=0001
do while .not. eof()
totpay =0
totgross = 0
paiddays = 0
overaldays = 0
totbon = 0
totbon1=0
sele b
seek emp
if .not. found()
go top
emp=emp+1
if emp > 2000
do zoom
@12,55 say "...Done..."
@14,55 say "Press any key"
@16,55 say "to Return..."
wait""
exit
endi
loop
else
ch = 1
do while empno=emp
do case
case ch=1
month = 'jan92'
days = 31
case ch=2
month='feb92'
days = 29

```

```

case ch=3
  month = 'mar92'
  days = 31
case ch=4
  month = 'apr92'
  days = 30
case ch=5
  month = 'may92'
  days = 31
case ch=6
  month = 'jun92'
  days = 30
case ch=7
  month = 'jul92'
  days = 31
case ch=8
  month = 'aug92'
  days = 31
case ch=9
  month = 'sep92'
  days = 30
case ch=10
  month = 'oct92'
  days = 31
case ch=11
  month = 'nov92'
  days = 30
case ch=12
  month = 'dec92'
  days = 31
endc

      att1 = (payabledays)/10
do case
  case att1=0 .and. ch<12
    ch=ch+1
    loop
  case att1=0 .and. ch=12
    emp=emp+1
    loop
  case att1>0 .and. ch<=12
    if month="jan92"
      if x1= " A" .and.att1 > days .and. bonus > 0
        att= att1-days
        bon=bonus
        bon1=bon + (att*10.66)
        totbon1 =totbon1 + bon1
      else
        totbon1 = totbon1 + bonus
      endi
      paiddays=paiddays+att1
      overldays=overldays + days
      pay = actualbasi + (fda/100) + (vda/100)
      totpay = totpay + pay
      gross = (pay/att1) * days
      totgross=totgross + gross
      skip 1
      ch=ch+1
      loop
    else
      paiddays = paiddays + att1
      overldays = overldays + days

```

```

        pay = actualbasi + (fda/100) + (vda/100)
        totpay = totpay + pay
        gross = (pay/att1)* days
        totgross = totgross +gross
        bon = bonus
        totbon = totbon + bon
        if x1=" A" .and. month # "jan92" .and. att1>
days .and. bonus>days
        att=att1 - days
        totbon = totbon+(att*10.52)
        endi
        skip 1
        ch=ch+1
        if totbon > 3520
            totbon=3520
        endi
        loop
    endi
endc
endd
    n=1
    totbon=totbon + totbon1
    skip -1
    sele c
    appe blan
    repl empno with b->empno;
    emp_name with b->emp_name;
    basic with b->basic
    repl fda with b->fda;
    vda with b->vda
    repl tot_gross with totgross
    repl tot_paid with totpay
    repl tot_days with paiddays
    repl x1 with b->x1
    repl tot_bonus with totbon
    set colo to g+/b
    @16,52 say "Record Entered "+ltrim(str(reco))
    reco=reco +1
    endi
    if att1=0
        emp=emp-1
    endi
    emp=emp+1
    loop
endd
retu
*=====*
```



```

*=====*
*          ( PRMOBONU.PRGM)          *
* THIS PROGRAM PRINTS THE "FORM C" WHICH*
* IS A LEGAL DOCUMENT AND CAN BE CALLED *
* BY USING THE OPTION 4. IN MAIN MENU.  *
*                                     *
*=====*

```

```

publ sno,page
sele a
use month
sele b
use prinbon
sele a
set rela to empno into b
sele b
go top
do zoom
@ 13,55 say "Printing ..."
set colo to
set devi to prin
do head
sno = 1
page = 1
sele b
go top
do while .not. eof()
if tot_bonus # 0
set devi to prin
@ prow()+1,0 say ltrim(str(sno))
@ prow(),5 say "|"
@ prow(),6 say emp_name
@ prow(),37 say "|"
@ prow(),38 say ltrim(str(empno))
@ prow(),42 say "|"
@ prow(),44 say ltrim(f_name)
@ prow(),74 say "|"
@ prow(),77 say "Y E S "
@ prow(),86 say "|"
@ prow(),87 say desig1
@ prow(),103 say "|"
@ prow(),107 say ltrim(str(tot_days))
@ prow(),112 say "|"
@ prow(),115 say ltrim(str(tot_paid))
@ prow(),123 say "|"
@ prow(),127 say ltrim(str(tot_bonus))
@ prow(),134 say "|"
@ prow(),135 say "---"
@ prow(),137 say "|"
@ prow(),138 say "---"
@ prow(),140 say "|"
@ prow(),141 say "---"
@ prow(),143 say "|"
@ prow(),144 say "---"
@ prow(),146 say "|"
@ prow(),150 say "----"
@ prow(),156 say "|"
@ prow(),160 say ltrim(str(tot_bonus))
@ prow(),165 say "|"
@ prow(),169 say ltrim(str(tot_bonus))
@ prow(),175 say "|"

```

```

@ prow(),182 say "|"
@ prow(),209 say "|"
@ prow(),230 say "|"
@ prow()+1,0 say repli("-",230)
    if prow() > 58
@   prow()+1,5 say " 9.      = Puja bonus or other customary
bonus paid during the accountng year . "
@   prow()+1,5 say "10.      = Interim bonus or bonus paid in
advance . "
@   prow()+1,5 say "10(A). = Amount of Income Tax deducted . "
@   prow()+1,5 say "11.      = Deduction on account of financial
loss if any caused by misconduct of employee . "
@   prow()+1,5 say "12.      = Total sum deducted columns
9,10,10A,11 "
        @   prow()+1,200 say "page no.      : "      +
ltrim(str(page))
        page = page + 1
        @   prow()+1,0 say " "
        do head
        skip
        sno=sno+1
        loop
    else
        skip
        sno=sno + 1
        loop
    endi
else
    skip
    loop
endi
endd
set devi to scre
retu
*=====*
```

```

*=====*
*          ( HEAD.PRGM)          *
* THIS PROGRAM PRINTS THE HEADER FOR *
* FORM C AND IS CALLED BY THE PROGRAM *
* PRMOBONU.PRGM AUTOMATICALLY.      *
*                                     *
*=====*

```

```

@ 0,0 say "Name of the Establishment : Nestle India Limited.
MOGA"
@ 0,105 say chr(14)+"F O R M C "+chr(20)
@ 1,0 say "No. of working days in the year : "
@ 1,105 say " ( See Rule 4[d] )"
@ 2,70 say " Bonus paid to the employees for the
accounting"
@ 2,123 say " year ending on 31st December , 19"
@ 3,0 say repli("-",230)
@ 4,5 say "|"
@ 4,37 say "|"
@ 4,42 say "|"
@ 4,74 say "|"
@ 4,86 say "|"
@ 4,103 say "|"
@ 4,112 say "|"
@ 4,123 say "|"
@ 4,134 say "|"
@ 4,135 say "DEDUCTIONS"
@ 4,146 say "|"
@ 4,156 say "|"
@ 4,165 say "|"
@ 4,175 say "|"
@ 4,182 say "|"
@ 4,209 say "|"
@ 4,230 say "|"
@ 5,5 say "|"
@ 5,37 say "|"
@ 5,42 say "|"
@ 5,74 say "|"
@ 5,86 say "|"
@ 5,103 say "|"
@ 5,112 say "|"
@ 5,123 say "|"
@ 5,134 say "|"
@ 5,135 say repli("-",10)
@ 5,146 say "|"
@ 5,156 say "|"
@ 5,165 say "|"
@ 5,175 say "|"
@ 5,182 say "|"
@ 5,209 say "|"
@ 5,230 say "|"
@ 6,0 say "Sl."
@ 6,5 say "|"
@ 6,6 say " Name of the "
@ 6,37 say "|"
@ 6,38 say "Code"
@ 6,42 say "|"
@ 6,43 say " Father's Name "
@ 6,74 say "|"
@ 6,75 say "whether"

```


@ 6,86 say " "
 @ 6,87 say "Designation"
 @ 6,103 say " "
 @ 6,104 say "No. of"
 @ 6,112 say " "
 @ 6,113 say "Total Wage"
 @ 6,123 say " "
 @ 6,124 say "Amount"
 @ 6,134 say " "
 @ 6,137 say " "
 @ 6,140 say " "
 @ 6,143 say " "
 @ 6,146 say " "
 @ 6,147 say "Total "
 @ 6,156 say " "
 @ 6,157 say "Net "
 @ 6,165 say " "
 @ 6,166 say "Amount "
 @ 6,175 say " "
 @ 6,176 say "Date "
 @ 6,182 say " "
 @ 6,183 say " Signature"
 @ 6,209 say " "
 @ 6,230 say " "
 @ 7,0 say "No."
 @ 7,5 say " "
 @ 7,6 say " Employee"
 @ 7,37 say " "
 @ 7,38 say "No."
 @ 7,42 say " "
 @ 7,74 say " "
 @ 7,75 say "he has "
 @ 7,86 say " "
 @ 7,103 say " "
 @ 7,104 say "days"
 @ 7,112 say " "
 @ 7,113 say "or salary"
 @ 7,123 say " "
 @ 7,124 say "ofbonus"
 @ 7,134 say " "
 @ 7,137 say " "
 @ 7,140 say " "
 @ 7,143 say " "
 @ 7,146 say " "
 @ 7,147 say "sum "
 @ 7,156 say " "
 @ 7,157 say "amount"
 @ 7,165 say " "
 @ 7,166 say "actually"
 @ 7,175 say " "
 @ 7,176 say "on "
 @ 7,182 say " "
 @ 7,183 say " / Thumb "
 @ 7,209 say " "
 @ 7,230 say " "
 @ 8,5 say " "
 @ 8,37 say " "
 @ 8,42 say " "
 @ 8,74 say " "
 @ 8,75 say "completed"
 @ 8,86 say " "

@ 8,103 say "|"

 @ 8,104 say "worked"

 @ 8,112 say "|"

 @ 8,113 say "in respect"

 @ 8,123 say "|"

 @ 8,124 say "payable"

 @ 8,134 say "|"

 @ 8,137 say "|"

 @ 8,140 say "|"

 @ 8,143 say "|"

 @ 8,146 say "|"

 @ 8,147 say "deducted"

 @ 8,156 say "|"

 @ 8,157 say "payable"

 @ 8,165 say "|"

 @ 8,166 say "paid "

 @ 8,175 say "|"

 @ 8,176 say "which"

 @ 8,182 say "|"

 @ 8,183 say " impression"

 @ 8,209 say "|"

 @ 8,230 say "|"

 @ 9,5 say "|"

 @ 9,37 say "|"

 @ 9,42 say "|"

 @ 9,74 say "|"

 @ 9,75 say "15 yrs"

 @ 9,86 say "|"

 @ 9,103 say "|"

 @ 9,104 say "in the"

 @ 9,112 say "|"

 @ 9,113 say "of the a/c"

 @ 9,123 say "|"

 @ 9,124 say "under"

 @ 9,134 say "|"

 @ 9,137 say "|"

 @ 9,140 say "|"

 @ 9,143 say "|"

 @ 9,146 say "|"

 @ 9,147 say "columns"

 @ 9,156 say "|"

 @ 9,157 say "(col 8"

 @ 9,165 say "|"

 @ 9,175 say "|"

 @ 9,176 say "paid"

 @ 9,182 say "|"

 @ 9,183 say " of the "

 @ 9,209 say "|"

 @ 9,230 say "|"

 @ 10,5 say "|"

 @ 10,37 say "|"

 @ 10,42 say "|"

 @ 10,74 say "|"

 @ 10,75 say "of age at"

 @ 10,86 say "|"

 @ 10,103 say "|"

 @ 10,104 say "year"

 @ 10,112 say "|"

 @ 10,113 say "year"

 @ 10,123 say "|"

 @ 10,124 say "sections"

```

@ 10,134 say "|"
@ 10,137 say "|"
@ 10,140 say "|"
@ 10,143 say "|"
@ 10,146 say "|"
@ 10,147 say "9,10,10a"
@ 10,156 say "|"
@ 10,157 say "minus"
@ 10,165 say "|"
@ 10,175 say "|"
@ 10,182 say "|"
@ 10,183 say "employee"
@ 10,209 say "|"
@ 10,230 say "|"
@ 11,5 say "|"
@ 11,37 say "|"
@ 11,42 say "|"
@ 11,74 say "|"
@ 11,75 say "the begin-"
@ 11,86 say "|"
@ 11,103 say "|"
@ 11,112 say "|"
@ 11,123 say "|"
@ 11,124 say "10 or 11"
@ 11,134 say "|"
@ 11,137 say "|"
@ 11,140 say "|"
@ 11,143 say "|"
@ 11,146 say "|"
@ 11,147 say "&11"
@ 11,156 say "|"
@ 11,157 say "col12"
@ 11,165 say "|"
@ 11,175 say "|"
@ 11,182 say "|"
@ 11,209 say "|"
@ 11,230 say "|"
do head1
retu
*=====

```

```

*=====*
*      ( HEAD1.PRG)      *
* THIS PROGRAM PRINTS THE HEADER OF *
* FORM C AND IS CALLED BY THE PROGRAM *
* HEAD.PRG AUTOMATICALLY. *
*=====*
@ 12,5 say "|"
@ 12,37 say "|"
@ 12,42 say "|"
@ 12,74 say "|"
@ 12,75 say "ing of the"
@ 12,86 say "|"
@ 12,103 say "|"
@ 12,112 say "|"
@ 12,123 say "|"
@ 12,124 say "as the"
@ 12,134 say "|"
@ 12,137 say "|"
@ 12,140 say "|"
@ 12,143 say "|"
@ 12,146 say "|"
@ 12,156 say "|"
@ 12,165 say "|"
@ 12,175 say "|"
@ 12,182 say "|"
@ 12,209 say "|"
@ 12,230 say "|"
@ 13,5 say "|"
@ 13,37 say "|"
@ 13,42 say "|"
@ 13,74 say "|"
@ 13,75 say "a/c year"
@ 13,86 say "|"
@ 13,103 say "|"
@ 13,112 say "|"
@ 13,123 say "|"
@ 13,124 say "case "
@ 13,134 say "|"
@ 13,137 say "|"
@ 13,140 say "|"
@ 13,143 say "|"
@ 13,146 say "|"
@ 13,156 say "|"
@ 13,165 say "|"
@ 13,175 say "|"
@ 13,182 say "|"
@ 13,209 say "|"
@ 13,230 say "|"
@ 14,5 say "|"
@ 14,37 say "|"
@ 14,42 say "|"
@ 14,74 say "|"
@ 14,86 say "|"
@ 14,103 say "|"
@ 14,112 say "|"
@ 14,123 say "|"
@ 14,124 say "maybe "
@ 14,134 say "|"
@ 14,137 say "|"
@ 14,140 say "|"

```



```

@ 14,143 say "|"
@ 14,146 say "|"
@ 14,156 say "|"
@ 14,165 say "|"
@ 14,175 say "|"
@ 14,182 say "|"
@ 14,209 say "|"
@ 14,230 say "|"
@ 15,3 say "1"
@ 15,18 say "2"
@ 15,58 say "3"
@ 15,80 say "4"
@ 15,95 say "5"
@ 15,108 say "6"
@ 15,118 say "7"
@ 15,130 say "8"
@ 15,135 say "9"
@ 15,138 say "10"
@ 15,141 say "10A"
@ 15,144 say "11"
@ 15,150 say "12"
@ 15,160 say "13"
@ 15,170 say "14"
@ 15,177 say "15"
@ 15,190 say "16"
@ 15,215 say "17"
@ 16,0 say repl1("-",230)
retu
*=====*
```

```

*=====*
*      ( CALENDAR.PRG)      *
* THIS PROGRAM IS BASICALLY A PROCEDURE *
* FILE AND CONTAINS VARIOUS PROCEDURES *
* USED AT VARIOUS STAGES OF BONUS      *
* CALCULATION.                    *
*=====*

```

```

*-----*
*      PROCEDURE CAL          *
* is used in place of calendar *
*-----*

```

```

procedure cal
ch = 1
do while ch <=12 .and. empno=emp
do case

```

```

    case ch = 1
        month = 'jan92'
        days = 31
    case ch = 2
        month='feb92'
        days = 29
    case ch = 3
        month = 'mar92'
        days = 31
    case ch = 4
        month = 'apr92'
        days = 30
    case ch = 5
        month = 'may92'
        days = 31
    case ch = 6
        month = 'jun92'
        days = 30
    case ch = 7
        month = 'jul92'
        days = 31
    case ch = 8
        month = 'aug92'
        days = 31
    case ch = 9
        month = 'sep92'
        days = 30
    case ch = 10
        month = 'oct92'
        days = 31
    case ch = 11
        month = 'nov92'
        days = 30
    case ch = 12
        month = 'dec92'
        days = 31

```

```

endc

```

```

retu

```

```

*-----end of procedure CAL-----*

```

```

*-----*
*      PROCEDURE ZOOM          *
*-----*

```

```

procedure zoom

```

```

r=13
c=60
r1=14
c1=62
set colo to g+/b
do while r1<18
@ r,c clea to r1,c1
@ r,c to r1,c1
r=r-1
c=c-3
r1=r1+1
c1=c1+4
endd
retu
*-----end of procedure ZOOM-----*

*-----*
*      PROCEDURE ENTER                      *
* prints enter sign on the                  *
* screen                                    *
*-----*

procedure enter
msg= chr(17)+chr(196)+chr(217)
@ 22,25 say "Press &msg to continue..."
wait ""
@ 20,10 clea to 22,75
retu
*-----end of procedure ENTER-----*

*-----*
*      PROCEDURE CALCUL                      *
* it is the main procedure which*
* calculates the bonus for each *
* month                                    *
*-----*

procedure calcu
publ trak,actbasic,att1,days
sele b
use calbonus
sele c
use co&month
sele c
trak=1
do zoom
@11,55 say "Calculation"
@12,55 say "of Bonus for"
@13,55 say "&month in "
@14,55 say "progress..."
@16,52 say "Record Entered"+ltrim(str(trak))
set colo to
do while .not. eof()
month1 = spac(5)
da =0
actbasic = 0
att1=(payableday)/10
set colo to g+/b
@16,52 say "Record Entered "+ltrim(str(trak))
set colo to
if att1 >=days
da = (fda + vda)/100

```

```

pay=basic +((fda)/100) +((vda)/100)
if att1=days
actbasic=basic
else
actbasic=(basic/days)*att1
endi
bon=0
elg=spac(3)
do case
    case pay<1600
        elg='Yes'
        bon=pay*(0.2)
    case pay>=1600 .and. pay <=2500
        elg='Yes'
        bon=320
    case pay>2500
        elg='No '
        bon=0
    endc
else
actbasic = (basic/days) * att1
pay1= actbasic +((fda)/100) +((vda)/100)
gross=(pay1/att1)* days
bon=0
day=0
day1=0
elg=spac(3)
do case
    case gross<1600
        elg='Yes'
        bon=pay1 * (0.2)
    case gross>=1600 .and. gross <=2500
        elg='Yes'
        day=days-att1
        day1=day*(320/days)
        bon = 320 - day1
    case gross>2500
        elg='No '
        bon=0
    endc
endi

month1="&month"
sele b
appe blan
repl empno with c->empno
repl emp_name with c->emp_name
repl month with month1
repl basic with c->basic
repl actualbasi with actbasic
repl fda with c->fda
repl vda with c->vda
repl payableday with c->payableday
repl x1 with c->x1
repl bonus with bon
sele c
skip 1
set colo to
trak=trak+1
loop
endd
do zoom

```



```

@12,55 say " ..Done.. for &month"
@13,55 say "Press any"
@14,55 say "key to"
@15,55 say "return"
set colo to
wait""
retu
*-----end of procedure MAIN-----*

*-----*
*      PROCEDURE MAIN      *
*-----*
procedure main
r=12
c=39
r1=13
c1=41
set colo to g+/b
do while r1<18
@ r,c clea to r1,c1
@ r,c to r1,c1
r=r-1
c=c-3
r1=r1+1
c1=c1+4
endd
set colo to
retu
*----END OF PROCEDURE MAIN-----*

*-----*
*      PROCEDURE UPDATE    *
*-----*
procedure update
do zoom
@ 13,55 say "Deleting..."
use month
zap
clos all
use month
month=spac(5)
days=0
do zoom
@ 12,55 say "Enter Month & Year"
@ 13,55 say " as (mmm) (yy)"
@ 14,55 say " " get month
read
@ 15,52 say "Tot.Days in Month"
@ 16,55 say " " get days pict "99"
read
set colo to
if month = " "
exit
else
do zoom
set colo to g+/b
@13,55 say "Appending ..."
appe from har&month.txt sdf
set colo to
endi
retu

```

----- END OF PROCEDURE UPDATE -----

=====

* END OF FILE CALENDAR.PRG *

=====

OVERTIME MODULE

PROGRAM
LISTINGS


```

=====
*                                     (MENUOT.PRG)
*
*THIS IS THE MAIN PROGRAM FOR OVERTIME SCHDULE.IT
*GENERATES THE MAIN MENU FOR OVERTIME CALCULATION
*AS WELL AS FOR REPORTS.
=====

```

```

set talk off
set scor off
set stat off
set echo off
set date brit
set safe off
chek=.t.
do while chek
set colo to gr+/gr+
@ 0,0 clea to 23,78
@ 0,0 to 23,78
set colo to bg+/gr+
@ 1,05 say "OVERTIME SCHEDULE "
@ 1,50 say "Nestle India Limited "
@ 3,25 say "MAIN MENU FOR OVERTIME"
set colo to gr+/b+,bg+/n+
@ 05,19 clea to 19,50
@ 05,19 TO 19,50
@ 06,22 say "1. OVERTIME ENTRY MODULE"
@ 08,22 say "2. OVERTIME UPDATION MODULE"
@ 10,22 say "3. MANPOWER ENTRY MODULE"
@ 12,22 say "4. MANPOWER UPDATION MODULE"
@ 14,22 say "5. MANPOWER AUTO UPDATION "
@ 16,22 say "6. REPORTS"
@ 18,22 say "0. Exit"
set colo to gb+/b+,gb+/n+
ch= " "
do chek
set colo to bg+/b+,gr+/g+
@ 21,28 say "Enter Choice " get ch
read
SET COLO TO gr+/gr+
@4,53 clea to 10,77
do case
case ch="1"
@ 6,20 say chr(16)
@ 6,50 say chr(17)
do overtite
loop
case ch="2"
@ 8,20 say chr(16)
@ 8,50 say chr(17)
do overupda
loop
case ch="3"
@ 10,20 say chr(16)
@ 10,50 say chr(17)
do manentry
loop
case ch="4"
@ 12,20 say chr(16)
@ 12,50 say chr(17)
do manupda
loop

```



```

case ch="5"
  @ 14,20 say chr(16)
  @ 14,50 say chr(17)
  do autoupda
case ch="6"
  @ 16,20 say chr(16)
  @ 16,34 say chr(17)
  do submenu
case ch="0"
  set colo to
  chek = .f.
  clos all
  clea all
  clea
  exit

endc
endd
retu
*=====*
```

```

*=====*
*               (OVERTITE.PRG)               *
* THIS IS THE ENTRY MODULE FOR OVERTIME. OVERTIME *
* ARE ENTERED ON DAILY BASIS FOR EACH DEPARTMENT. *
* THIS CAN BE CALLED BY USING OPTION 1. OF MAIN MENU. *
*=====*

```

```

set exac on
sele a
use recdata
set colo to gr+r+/rb
@ 10,30 clea to 15,50
@ 12,35 say "Wait"
@ 13,35 say "Indexing.."
inde on empnoa to recdata
clos all
sele a
use recdata inde recdata
sele a
set colo to gr+r+/rb
@1,1 clea to 23,79
@2,2 to 22,78 double
@5,3 to 5,77
@6,40 to 17,40
@18,3 to 18,77
@4,25 say "Over Time Schedule "
chess=.t.
recont=1
do while chess
set colo to gr+/r,gr+/g+
dat=spac(8)
dat2="31/12/92"
dat3=ctod(dat2)
@7,5 say "Enter Date :" get dat pict "99/99/99"
read
depcode=0
chess1=.t.
do while chess1
@7,5 say "Enter Deppt. code : "get depcode pict "99" range
1,24
read
dat1=ctod(dat)
set colo to gr+r+/rb
if dat1 < dat3
@19,20 say "Invalid Date.! Sorry , Try Again"
key=chr(17)+chr(196)+chr(217)
anyvar=" press &key to continue.."
@20,20 say anyvar
wait""
@7,5 clea to 8,39
@19,20 clea to 21,60
loop
endi
@7,5 clea to 8,39
@1,3 say "Date is : " + dtoc(dat1)
@1,50 say "Department No. "+ltrim(str(depcode))
ch2="y"
do while ch2="y"
set colo to gr+/r,gr+/g+
code=0

```

```

@7,5 say "Emp. No. : " get code pict "9999"
read
if code<0 .or. code >9999
    set colo to gr+r+/rb
    @20,20 say "Invalid Employee No. ! "
    wait""
    @19,20 clea to 21,60
    loop
endi
sele a
go top
loca for empnoa=code .and. ot_datea=dat1
if .not. found()
    set colo to gr+/r+,gr+/g+
    oth=0
    @ 11,5 say " Enter O.T. Hours : " get oth pict "99.9"
    read
    set colo to gr+r+/rb+
    chek=" "
    @20,20 say " Check Entries, Proceed further Press(Y/N)"
get chek
read
do case
case upper(chek)="Y"
    @ 7,3 clea to 17,35
    @ 12,65 to 17,75
    @ 13,66 say "Records"
    @ 14,66 say "Entered"
    @ 16,70 say ltrim(str(recont))
    recont=recont+1
    @ 7,41 clea to 11,75
    @ 12,41 clea to 17,64
    @ 19,20 clea to 21,70
    @ 7,5 clea to 10,39
    sele a
    appe blan
    repl empnoa with code
    repl ot_datea with dat1
    repl depttcodea with depcode
    repl othoursa with oth
    loop
case upper(chek)="N"
    set colo to gr+r+/rb
    @ 7,41 clea to 11,75
    @ 12,41 clea to 17,64
    @ 19,5 clea to 21,75
    yn=" "
    @ 20,20 say "Press (C) for Another Department,(E)for
exit "get yn
read
sele a
appe blan
repl empnoa with code
repl ot_datea with dat1
repl depttcodea with depcode
repl othoursa with oth
do case
    case yn="c" .or. yn="C"
        set colo to gr+r+/rb
        @ 7,5 clea to 17,39
        @ 19,5 clea to 21,75

```

```

        ch2="n"
        loop
        case yn="e" .or. yn="E"
        set colo to
        clos all
        clea all
        clea
        chess1=.f.
        chess=.f.
        exit
    endc
endc
else
    @ 20,20 say "Record Present"
endi
set colo to
endd
endd
retu
*=====*
```



```

*=====
*                               (OVERUPDA.PRG)                               *
* THIS PROGRAM IS FOR UPDATING THE WRONG ENTRIES                          *
* ENTERED IN THE ENTRY MODULE. THIS CAN BE CALLED                          *
* BY USING THE OPTION 2. IN THE MAIN MENU.                                *
*=====
use recdata inde recdata
rein
clos data
c=.t.
do while c
sele a
use recdata
set colo to gr+/gr+
@ 0,0 clea to 23,78
@ 0,0 to 23,78
set colo to bg+/gr+
@ 4,20 say "UPDATION MODULE FOR ENTRY"
set colo to gr+/b+,gr+/g+
@ 6,20 clea to 16,40
@ 6,20 to 16,40
@ 7,25 say " 1. ADD"
@ 9,25 say " 2. DELETE"
@ 11,25 say " 3. UPDATE"
@ 13,25 say " 0. Exit"
wish1=" "
set colo to bg+/b+,gr+/g+
@ 15,25 say "Choice " get wish1
read
do case
case wish1="1"
    chl=.t.
    do while chl
        @ 7,25 clea to 15,35
        ep=0
        oth=0
        dep=0
        da=spac(8)
        set colo to bg+/gr+
        @ 06,37 say "Add "
        set colo to gr+/b+,gr+/g+
        @ 07,21 say "Emp.No. "get ep pict "9999"
        @ 09,21 say "Deptt. "get dep pict "99"
        @ 11,21 say "Date "get da pict "99/99/99"
        @ 13,21 say "O.T Hrs "get oth pict "99.9"
        read
        dal=ctod(da)
        sele a
        appe blan
        repl depttcodea with dep
        repl ot_datea with dal
        repl othoursa with oth
        repl empnoa with ep
        yn=" "
        @ 15,21 say "Any more ? (Y/N)" get yn
        read
        do case
        case upper(yn)="Y"
            loop
        case Upper(yn)="N"
            chl=.f.

```

```

        exit
    endc
endd
loop
case wish1="2"
    ch1=.t.
    do while ch1
        @ 7,21 clea to 15,39
        ep=0
        set colo to bg+/gr+
        @ 6,34 say "Delete"
        set colo to gr+/b+,gr+/g+
        da=spac(8)
        @ 7,21 say "Emp.no. " get ep pict "9999"
        @ 9,21 say "Date      " get da pict "99/99/99"
        read
        da1=ctod(da)
        dele for empnoa=ep .and. ot_datea=da1
        pack
        yn=" "
        @ 15,21 say "Any More ? (Y/N)" get yn
        read
        do case
        case upper(yn)="Y"
            loop
        case upper(yn)="N"
            ch1=.f.
            exit
        endc
    endd
loop
case wish1="3"
    ch1=.t.
    do while ch1
        @ 7,25 clea to 15,35
        ep=0
        oth=0
        dep=0
        da=spac(8)
        set colo to bg+/gr+
        @ 06,37 say "Update"
        set colo to gr+/b+,gr+/g+
        @ 07,21 say "Emp.No. "get ep pict "9999"
        @ 09,21 say "Deptt.  "get dep pict "99"
        @ 11,21 say "Date      "get da pict "99/99/99"
        @ 13,21 say "O.T Hrs  "get oth pict "99.9"
        read
        da1=ctod(da)
        da2=dtoc(da1)
        sele a
        loca for empnoa =ep .and. dtoc(ot_datea)=da2
        repl depttcodea with dep
        repl ot_datea with da1
        repl othoursa with oth
        repl empnoa with ep
        yn=" "
        @ 15,21 say "Any more ? (Y/N)" get yn
        read
        do case
        case upper(yn)="Y"
            loop

```

```

        case Upper(yn)="N"
            chl=.f.
            exit
        endc
    endd
loop
case wish1="0"
    c=.f.
    set colo to
    clos all
    clea all
    clea
    exit
endc
endd
retu
*=====*
```

```

*=====*
*              (MANENTRY.PRG)              *
* THIS PROGRAM IS USED FOR ENTERING THE MANPOWER FOR *
* EACH DEPARTMENT. THIS PROGRAM IS TO BE USED ONLY *
* ONCE A MONTH WHEN THE MONTH CHANGES. IT CAN BE *
* CALLED BY USING OPTION 3. IN THE MAIN MENU.      *
*=====*

```

```

set colo to gr+/gr+,gr+/g+
@ 5,15 clea to 21,75
@ 5,15 to 21,75
@ 6,30 say "MANPOWER ENTRY MODULE"
@ 7,16 to 7,74
stor                                0
dep1,dep2,dep3,dep4,dep5,dep6,dep7,dep8,dep9,dep10
stor                                0
dep11,dep12,dep13,dep14,dep15,dep16,dep17,dep18,dep19
stor 0 to dep20,dep21,dep22,dep23,dep24
@ 08,16 say "Deptt# 1 " get dep1 pict "999"
@ 10,16 say "Deptt# 2 " get dep2 pict "999"
@ 12,16 say "Deptt# 3 " get dep3 pict "999"
@ 14,16 say "Deptt# 4 " get dep4 pict "999"
@ 16,16 say "Deptt# 5 " get dep5 pict "999"
@ 18,16 say "Deptt# 6 " get dep6 pict "999"
@ 20,16 say "Deptt# 7 " get dep7 pict "999"
@ 08,31 say "Deptt# 8 " get dep8 pict "999"
@ 10,31 say "Deptt# 9 " get dep9 pict "999"
@ 12,31 say "Deptt# 10 " get dep10 pict "999"
@ 14,31 say "Deptt# 11 " get dep11 pict "999"
@ 16,31 say "Deptt# 12 " get dep12 pict "999"
@ 18,31 say "Deptt# 13 " get dep13 pict "999"
@ 20,31 say "Deptt# 14 " get dep14 pict "999"
@ 08,46 say "Deptt# 15 " get dep15 pict "999"
@ 10,46 say "Deptt# 16 " get dep16 pict "999"
@ 12,46 say "Deptt# 17 " get dep17 pict "999"
@ 14,46 say "Deptt# 18 " get dep18 pict "999"
@ 16,46 say "Deptt# 19 " get dep19 pict "999"
@ 18,46 say "Deptt# 20 " get dep20 pict "999"
@ 20,46 say "Deptt# 21 " get dep21 pict "999"
@ 08,61 say "Deptt# 22 " get dep22 pict "999"
@ 10,61 say "Deptt# 23 " get dep23 pict "999"
@ 12,61 say "Deptt# 24 " get dep24 pict "999"
read
set colo to rb+/b+
@ 18,65 clea to 22,75
@ 19,66 say "Please"
@ 20,66 say "Wait.."
@ 21,66 say "Replacing"
use manpower
appe blan
repl mp1 with dep1
repl mp2 with dep2,mp3 with dep3,mp4 with dep4
repl mp5 with dep5,mp6 with dep6,mp7 with dep7
repl mp8 with dep8,mp9 with dep9,mp10 with dep10
repl mp11 with dep11,mp12 with dep12,mp13 with dep13
repl mp14 with dep14,mp15 with dep15,mp16 with dep16
repl mp17 with dep17,mp18 with dep18,mp19 with dep19
repl mp20 with dep20,mp21 with dep21,mp22 with dep22
repl mp23 with dep23,mp24 with dep24
set colo to
clos all

```


clea all

clea

retu

=====

```

*=====*
*               (MANUPDA.PRG)               *
* THIS PROGRAM IS TO BE USED WHEN THERE IS A CHANGE *
* IN THE MANPOWER OF ANY DEPARTMENT, BUT IT IS TO BE *
* USED AFTER USING OPTION 5. IN THE MAIN MENU. THIS *
* PROGRAM CAN BE CALLED BY USING OPTION 4. IN MAIN *
* MENU.                                           *
*=====*
clea
use manpower
wi=.t.
go top
da=spac(8)
@ 8,30 say "Enter date : " get da pict "99/99/99"
read
dal=ctod(da)
loca for datel=dal
    if .not. found()
        @ 20,10 say "Please run option 5 first ! Press any
key.."
            wait""
            retu
    else
do while wi
dn=0
mp=0
set colo to rb+/b+,gr+/r+
@ 7, 29 clea to 16,55
@ 7,29 to 16,55
@ 10,30 say "Enter deptt no. "get dn pict "99" range 1,22
read
@ 12,30 say "Manpower          "get mp pict "999"
read
do case
case dn=1
repl mp1 with mp
case dn=2
repl mp2 with mp
case dn=3
repl mp3 with mp
case dn=4
repl mp4 with mp
case dn=5
repl mp5 with mp
case dn=6
repl mp6 with mp
case dn=7
repl mp7 with mp
case dn=8
repl mp8 with mp
case dn=9
repl mp9 with mp
case dn=10
repl mp10 with mp
case dn=11
repl mp11 with mp
case dn=12
repl mp12 with mp
case dn=13
repl mp13 with mp
case dn=14

```

```

repl mp14 with mp
case dn=15
repl mp15 with mp
case dn=16
repl mp16 with mp
case dn=17
repl mp17 with mp
case dn=18
repl mp18 with mp
case dn=19
repl mp19 with mp
case dn=20
repl mp20 with mp
case dn=21
repl mp21 with mp
case dn=22
repl mp22 with mp
endc
aop=" "
@ 15,30 say "Any other Deptt. (Y/N) " get aop
read
do case
  case upper(aop)="Y"
    loop
  case upper(aop)="N"
    wi=.f.
    set colo to
    clos all
    clea all
    clea
    exit
endc
endd
endi
retu
*=====*
```

```

*=====*
*                                     (AUTOUPDA.PRG)                                     *
* THIS PROGRAM AUTOMATICALLY UPDATES THE MANPOWER OF THE DEPARTMENT IF THERE IS NO CHANGE IN MANPOWER OF *
* THE DEPARTMENT AND CAN BE CALLED BY USING OPTION 5 IN THE MAIN MENU. *
*=====*

```

```

      SELE a
      use manpower
      da=spac(8)
      @ 16,53 to 18,77
      @ 17,54 say "Enter Date : " get da pict "99/99/99"
      read
      da1=ctod(da)
      stor 0 to a1,a2,a3,a4,a5,a6,a7,a8,a9,a10,a11,a12,a13
      stor 0 to a14,a15,a16,a17,a18,a19,a20,a21,a22
      sele a
      GO BOTTOM
      da=spac(8)
      da=dtoc(date1)
      a1=mp1
      a2=mp2
      a3=mp3
      a4=mp4
      a5=mp5
      a6=mp6
      a7=mp7
      a8=mp8
      a9=mp9
      a10=mp10
      a11=mp11
      a12=mp12
      a13=mp13
      a14=mp14
      a15=mp15
      a16=mp16
      a17=mp17
      a18=mp18
      a19=mp19
      a20=mp20
      a21=mp21
      a22=mp22
      set colo to rb+/b+
      @ 10,57 clea to 14,73
      @ 10,57 to 14,73
      @ 11,59 say "Please Wait.."
      @ 13,59 say " Replacing"
      appe blan
      repl date1 with da1
      repl mp1 with a1
      repl mp2 with a2,mp3 with a3,mp4 with a4
      repl mp5 with a5,mp6 with a6,mp7 with a7
      repl mp8 with a8,mp9 with a9,mp10 with a10
      repl mp11 with a11,mp12 with a12,mp13 with a13
      repl mp14 with a14,mp15 with a15,mp16 with a16
      repl mp17 with a17,mp18 with a18,mp19 with a19
      repl mp20 with a20,mp21 with a21,mp22 with a22
      set colo to
      clos all
      clea all

```


clea
retu

=====

```

*=====*
*              (SUBMENU.PRG)              *
* THIS PROGRAM GENERATES THE SUBMENU WHEN OPTION 6. *
* IS PRESSED IN THE MAIN MENU. IT CALLS OTHER *
* PROGRAMS WHICH HELP IN GENERATING VARIOUS REPORTS. *
*=====*
chek=.t.
do while chek
set colo to gr+/b+,bg+/n+
@ 09,40 clea to 20,60
@ 09,40 TO 20,60
@ 09,47 say "REPORTS"
@ 11,42 say "1.EXTRA WORK SHEET"
@ 13,42 say "2.HRS16 REPORT"
@ 15,42 say "3.PERCENT O.T."
@ 17,42 say "0.Exit"
set colo to gb+/b+,gb+/n+
ch= " "
@ 19,42 say "Enter Choice " get ch
read
do case
case ch="1"
do submenu1
case ch="2"
do submenu2
case ch="3"
do submenu3
case ch="0"
    set colo to
    chek = .f.
    clos all
    clea all
    exit
endc
endd
retu
*=====*

```

```

*=====*
*                                     (SUBMENU1.PRG)                                     *
* THIS PROGRAM GENERATES SUBMENU FOR 3 CATEGORIES OF WORKERS NAMELY STAFF,PERMANENT,TEMPORARIES. IT IS *
* WORKERS NAMELY STAFF,PERMANENT,TEMPORARIES. IT IS *
* GENERATED WHEN OPTION 1. IS PRESSED IN SUBMENU.PRG *
*=====*

chek=.t.
do while chek
set colo to gr+/b+,bg+/n+
@ 13,50 clea to 20,65
@ 13,50 TO 20,65
@ 13,54 say "WORKERS"
@ 15,52 say "1.PERMANENT"
@ 16,52 say "2.STAFF"
@ 17,52 say "3.TEMPORARY"
@ 18,52 say "0.Exit"
set colo to gb+/b+,gb+/n+
ch= " "
@ 19,52 say "Choice " get ch
read
do case
case ch="1"
do exwohe5
case ch="2"
do exwohes
case ch="3"
do exwohet
case ch="0"
    set colo to
    chek = .f.
    clos all
    clea all
    set colo to gr+/gr+
    @ 13,50 clea to 20,65
    set colo to
    exit
endc
endd
retu
*=====*

```

```

*=====*
*               (SUBMENU2.PRG)               *
* THIS PROGRAM GENERATES SUBMENU CONCERNING THE *
* GENERATION OF HOURS16 REPORT WHEN OPTION 2. IS *
* PRESSED IN SUBMENU.PRG .                   *
*=====*

chek=.t.
do while chek
set colo to gr+/b+,bg+/n+
@ 13,50 clea to 20,65
@ 13,50 TO 20,65
@ 13,56 say "HRS16"
@ 15,52 say "1.PERMANENT"
@ 16,52 say "2.STAFF"
@ 17,52 say "3.TEMPORARY"
@ 18,52 say "0.Exit"
set colo to gb+/b+,gb+/n+
ch= " "
@ 19,52 say "Choice " get ch
read
do case
case ch="1"
do depperm
case ch="2"
do depstaf
case ch="3"
do deptemp
case ch="0"
    set colo to
    chek = .f.
    clos all
    clea all
    set colo to gr+/gr+
    @ 13,50 clea to 20,65
    set colo to
    exit
endc
endd
retu
*=====*

```



```

*=====*
*               (SUBMENU3.PRG)               *
* THIS GENERATES SUBMENU CONCERNING GENERATION OF *
* PERCENTAGE OVERTIME REPORT FOR EVERY DEPARTMENT. *
* AND CAN BE CALLED BY USING OPTION 3. IN SUBMENU.PRG *
*=====*

chek=.t.
do while chek
set colo to gr+/b+,bg+/n+
@ 13,50 clea to 20,65
@ 13,50 TO 20,65
@ 13,56 say "% O.T"
@ 15,52 say "1.DAILY"
@ 16,52 say "2.WEEKLY"
@ 17,52 say "3.MONTHLY"
@ 18,52 say "0.Exit"
set colo to gb+/b+,gb+/n+
ch= " "
@ 19,52 say "Choice " get ch
read
do case
case ch="1"
do perotda
case ch="2"
do perot2
case ch="3"
do perotmo
case ch="0"
    set colo to
    chek = .f.
    clos all
    clea all
    set colo to gr+/gr+
    @ 13,50 clea to 20,65
    set colo to
    exit
endc
endd
retu
*=====*

```

```

*=====*
*               (EXWOHE5.PRG)               *
* THIS PROGRAM GENERATES EXTRA WORK CALCULATION SHEET *
* FOR PERMANENT EMPLOYEES FOR EVERY DEPARTMENT AND FOR*
* THE WHOLE MONTH. IT CAN BE CALLED BY USING OPTION 1.*
* IN SUBMENU1.PRG .                             *
*=====*
set colo to gr+/b+
@ 10,50 clea to 14,70
@ 12,51 say "please wait.."
@ 13,51 say "Indexing....."
use overperm inde dept
rein
set colo to
clos all
clea all
ch=.t.
do while ch
sele a
use overperm inde dept
sele b
use defemp inde defemp
sele c
use namedept inde namedept
sele a
set colo to gr+/b+,gr+/g+
@ 10,50 clea to 14,70
dep=0
@ 12,51 say "Enter Deptt No. "get dep pict "99" range 1,22
read
seek dep
if .not. found()
@ 20,20 say "Department not found ? Try Again..."
wait
set colo to
clea
loop
else
@ 10,50 clea to 14,70
@ 11,51 say "Please Wait ...."
@ 12,51 say "Transferring records"
@ 13,51 say "from DEPTT "+ltrim(str(dep))
DO WHILE DEPTTCODE=DEP
SELE B
APPE BLAN
REPL EMPN WITH A->EMPNO
REPL DEPTTNO WITH DEP
rePL TOTHOUS WITH A->OTHOUS
repl otdate with a->ot_date
SELE A
SKIP 1
LOOP
ENDD
@ 10,50 clea to 14,70
@ 12,51 say "Printing....."
set devi to prin
do head
sele b
rein
sele b
go top

```

page=1

CNT=1

```
do while .not. eof()
code=empn
@prow()+1,0 say ltrim(str(code))+";"
do while empn=code
do case
case dtoc(otdate)="01/04/93"
@prow(),05say ltrim(str(tothours,6,1))
case dtoc(otdate)="02/04/93"
@prow(),08 say ltrim(str(tothours,6,1))
case dtoc(otdate)="03/04/93"
@prow(),12 say ltrim(str(tothours,6,1))
case dtoc(otdate)="04/04/93"
@prow(),16 say ltrim(str(tothours,6,1))
case dtoc(otdate)="05/04/93"
@prow(),20 say ltrim(str(tothours,6,1))
case dtoc(otdate)="06/04/93"
@prow(),24 say ltrim(str(tothours,6,1))
case dtoc(otdate)="07/04/93"
@prow(),28 say ltrim(str(tothours,6,1))
case dtoc(otdate)="08/04/93"
@prow(),32 say ltrim(str(tothours,6,1))
case dtoc(otdate)="09/04/93"
@prow(),36 say ltrim(str(tothours,6,1))
case dtoc(otdate)="10/04/93"
@prow(),40 say ltrim(str(tothours,6,1))
case dtoc(otdate)="11/04/93"
@prow(),44 say ltrim(str(tothours,6,1))
case dtoc(otdate)="12/04/93"
@prow(),48 say ltrim(str(tothours,6,1))
case dtoc(otdate)="13/04/93"
@prow(),52 say ltrim(str(tothours,6,1))
case dtoc(otdate)="14/04/93"
@prow(),56 say ltrim(str(tothours,6,1))
case dtoc(otdate)="15/04/93"
@prow(),60 say ltrim(str(tothours,6,1))
case dtoc(otdate)="16/04/93"
@prow(),64 say ltrim(str(tothours,6,1))
case dtoc(otdate)="17/04/93"
@prow(),68 say ltrim(str(tothours,6,1))
case dtoc(otdate)="18/04/93"
@prow(),72 say ltrim(str(tothours,6,1))
case dtoc(otdate)="19/04/93"
@prow(),77 say ltrim(str(tothours,6,1))
case dtoc(otdate)="20/04/93"
@prow(),81 say ltrim(str(tothours,6,1))
case dtoc(otdate)="21/04/93"
@prow(),85 say ltrim(str(tothours,6,1))
case dtoc(otdate)="22/04/93"
@prow(),89 say ltrim(str(tothours,6,1))
case dtoc(otdate)="23/04/93"
@prow(),93 say ltrim(str(tothours,6,1))
case dtoc(otdate)="24/04/93"
@prow(),97 say ltrim(str(tothours,6,1))
case dtoc(otdate)="25/04/93"
@prow(),101 say ltrim(str(tothours,6,1))
case dtoc(otdate)="26/04/93"
@prow(),105 say ltrim(str(tothours,6,1))
case dtoc(otdate)="27/04/93"
```

```

@prow(),109 say ltrim(str(tothours,6,1))
case dtoc(otdate)="28/04/93"
@prow(),113 say ltrim(str(tothours,6,1))
case dtoc(otdate)="29/04/93"
@prow(),117 say ltrim(str(tothours,6,1))
case dtoc(otdate)="30/04/93"
@prow(),121 say ltrim(str(tothours,6,1))
case dtoc(otdate)="31/04/93"
@prow(),125 say ltrim(str(tothours,6,1))
endc
skip
loop
endd
@prow()+1,1 say repli("-",130)
if cnt>25
@prow()+1,00 say chr(15)+repli("=",230)+chr(18)
@prow()+1,100say chr(14)+"pageno.="+ltrim(str(page))+chr(20)
page=page+1
cnt=1
eject
do head
sele b
endi
cnt=cnt+1
if eof()
@prow()+1,00 say chr(15)+repli("=",230)+chr(18)
exit
else
skip -1
skip 1
loop
endi
endd
set devi to scre
sele b
zap
endi
ch1=" "
@ 11,51 SAY "Another department"
@ 12,51 say "report to print "
@ 13,60 get ch1
read
do case
case upper(ch1)="Y"
loop
case upper(ch1)="N"
set colo to gr+/gr+
clos all
clea all
@ 10,50 clea to 14,70
exit
endc
endd
set devi to scre
retu
*=====*
```



```

*=====*
*               (EXWOHES.PRG)               *
* THIS PROGRAM GENERATES EXTRA WORK CALCULATION SHEET *
* FOR STAFF EMPLOYEES FOR EVERY DEPARTMENT AND FOR   *
* THE WHOLE MONTH. IT CAN BE CALLED BY USING OPTION 2.*
* IN SUBMENU1.PRG .                                *
*=====*

```

```

set colo to gr+/r+
@ 10,50 clea to 14,70
@ 12,51 say "please wait.."
@ 13,51 say "Indexing....."
use overstaf inde dept
rein
set colo to
clos all
clea all
ch=.t.
do while ch
sele a
use overstaf inde dept
sele b
use defemp inde defemp
sele c
use namedept inde namedept
sele a
set colo to gr+/b+,gr+/g+
@ 10,50 clea to 14,70
dep=0
@ 12,51 say "Enter Deptt No. "get dep pict "99" range 1,22
read
seek dep
if .not. found()
@ 20,20 say "Department not found ? Try Again..."
wait
set colo to
clea
loop
else
@ 10,50 clea to 14,70
@ 11,51 say "Please Wait ....."
@ 12,51 say "Transferring records"
@ 13,51 say "from DEPTT "+ltrim(str(dep))
DO WHILE DEPTTCODE=DEP
SELE B
APPE BLAN
REPL EMPN WITH A->EMPNO
REPL DEPTTNO WITH DEP
rePL TOTHOURLS WITH A->OTHOURLS
repl otdate with a->ot_date
SELE A
SKIP 1
LOOP
ENDD
@ 10,50 clea to 14,70
@ 12,51 say "Printing....."
sele b
rein
code=0
sele b
go top

```

```

set devi to prin
do head1
page=1
CNT=1
do while .not. eof()
code=empn
@prow()+1,0 say ltrim(str(code))+";"
do while empn=code
do case
case dtoc(otdate)="25/04/93"
@prow(),05say ltrim(str(tothours,6,1))
case dtoc(otdate)="26/04/93"
@prow(),08 say ltrim(str(tothours,6,1))
case dtoc(otdate)="27/04/93"
@prow(),12 say ltrim(str(tothours,6,1))
case dtoc(otdate)="28/04/93"
@prow(),16 say ltrim(str(tothours,6,1))
case dtoc(otdate)="29/04/93"
@prow(),20 say ltrim(str(tothours,6,1))
case dtoc(otdate)="30/04/93"
@prow(),24 say ltrim(str(tothours,6,1))
case dtoc(otdate)="31/05/93"
@prow(),28 say ltrim(str(tothours,6,1))
case dtoc(otdate)="01/05/93"
@prow(),32 say ltrim(str(tothours,6,1))
case dtoc(otdate)="02/05/93"
@prow(),36 say ltrim(str(tothours,6,1))
case dtoc(otdate)="03/05/93"
@prow(),40 say ltrim(str(tothours,6,1))
case dtoc(otdate)="04/05/93"
@prow(),44 say ltrim(str(tothours,6,1))
case dtoc(otdate)="05/05/93"
@prow(),48 say ltrim(str(tothours,6,1))
case dtoc(otdate)="06/05/93"
@prow(),52 say ltrim(str(tothours,6,1))
case dtoc(otdate)="07/05/93"
@prow(),56 say ltrim(str(tothours,6,1))
case dtoc(otdate)="08/05/93"
@prow(),60 say ltrim(str(tothours,6,1))
case dtoc(otdate)="09/05/93"
@prow(),64 say ltrim(str(tothours,6,1))
case dtoc(otdate)="10/05/93"
@prow(),68 say ltrim(str(tothours,6,1))
case dtoc(otdate)="11/05/93"
@prow(),72 say ltrim(str(tothours,6,1))
case dtoc(otdate)="12/05/93"
@prow(),77 say ltrim(str(tothours,6,1))
case dtoc(otdate)="13/05/93"
@prow(),81 say ltrim(str(tothours,6,1))
case dtoc(otdate)="14/05/93"
@prow(),85 say ltrim(str(tothours,6,1))
case dtoc(otdate)="15/05/93"
@prow(),89 say ltrim(str(tothours,6,1))
case dtoc(otdate)="16/05/93"
@prow(),93 say ltrim(str(tothours,6,1))
case dtoc(otdate)="17/05/93"
@prow(),97 say ltrim(str(tothours,6,1))
case dtoc(otdate)="18/05/93"
@prow(),101 say ltrim(str(tothours,6,1))
case dtoc(otdate)="19/05/93"
@prow(),105 say ltrim(str(tothours,6,1))

```

```

case dtoc(otdate)="20/05/93"
@prow(),109 say ltrim(str(tothours,6,1))
case dtoc(otdate)="21/05/93"
@prow(),113 say ltrim(str(tothours,6,1))
case dtoc(otdate)="22/05/93"
@prow(),117 say ltrim(str(tothours,6,1))
case dtoc(otdate)="23/05/93"
@prow(),121 say ltrim(str(tothours,6,1))
case dtoc(otdate)="24/05/93"
@prow(),125 say ltrim(str(tothours,6,1))
endc
skip
loop
endd
@prow()+1,1 say repli("-",130)
if cnt>25
@prow()+1,00 say chr(15)+repli("=",230)+chr(18)
@prow()+1,100 say chr(14)+"page no. = "+ltrim(str(page))+chr(20)
page=page+1
cnt=1
eject
do head1
sele b
endi
cnt=cnt+1
if eof()
@prow()+1,00 say chr(15)+repli("=",230)+chr(18)
exit
else
skip -1
skip 1
loop
endi
endd
set devi to scre
sele b
zap
endi
ch1=" "
@ 11,51 SAY "Another department"
@ 12,51 say "report to print "
@ 13,60 get ch1
read
do case
case upper(ch1)="Y"
loop
case upper(ch1)="N"
set colo to gr+/gr+
clos all
clea all
@10,50 clea to 14,70
exit
endc
endd
set devi to scre
retu

```



```

*=====*
*               (EXWOHET.PRG)               *
* THIS PROGRAM GENERATES EXTRA WORK CALCULATION SHEET *
* FOR TEMPORARY EMPLOYEES FOR EVERY DEPARTMENT AND FOR*
* THE WHOLE MONTH. IT CAN BE CALLED BY USING OPTION 3.*
* IN SUBMENU1.PRG .                             *
*=====*
set colo to gr+/b+
@ 12,51 say "please wait.."
@ 13,51 say "Indexing....."
use overtemp inde dept
rein
set colo to
clos all
clea all
ch=.t.
do while ch
sele a
use overtemp inde dept
sele b
use defemp inde defemp
sele c
use namedept inde namedept
sele a
set colo to gr+/b+,gr+/g+
@ 10,50 clea to 14,70
dep=0
@ 12,51 say "Enter Deptt No. "get dep pict "99" range 1,22
read
seek dep
if .not. found()
@ 20,20 say "Department not found ? Try Again..."
wait
set colo to
clea
loop
else
@ 10,50 clea to 14,70
@ 11,51 say "Please Wait ....."
@ 12,51 say "Transferring records"
@ 13,51 say "from DEPTT "+ltrim(str(dep))
DO WHILE DEPTTCODE=DEP
SELE B
APPE BLAN
REPL EMPN WITH A->EMPNO
REPL DEPTTNO WITH DEP
rePL TOTHOURS WITH A->OTHOURLS
repl otdat with a->ot_date
SELE A
SKIP 1
LOOP
ENDD
@ 10,50 clea to 14,70
@ 12,51 say "Printing....."
set devi to prin
do head
sele b
rein
sele b
go top
page=1

```



```

CNT=1
do while .not. eof()
code=empn
@prow()+1,0 say ltrim(str(code))+";"
do while empn=code
do case
case dtoc(otdate)="01/04/93"
@prow(),05say ltrim(str(tothours,6,1))
case dtoc(otdate)="02/04/93"
@prow(),08 say ltrim(str(tothours,6,1))
case dtoc(otdate)="03/04/93"
@prow(),12 say ltrim(str(tothours,6,1))
case dtoc(otdate)="04/04/93"
@prow(),16 say ltrim(str(tothours,6,1))
case dtoc(otdate)="05/04/93"
@prow(),20 say ltrim(str(tothours,6,1))
case dtoc(otdate)="06/04/93"
@prow(),24 say ltrim(str(tothours,6,1))
case dtoc(otdate)="07/04/93"
@prow(),28 say ltrim(str(tothours,6,1))
case dtoc(otdate)="08/04/93"
@prow(),32 say ltrim(str(tothours,6,1))
case dtoc(otdate)="09/04/93"
@prow(),36 say ltrim(str(tothours,6,1))
case dtoc(otdate)="10/04/93"
@prow(),40 say ltrim(str(tothours,6,1))
case dtoc(otdate)="11/04/93"
@prow(),44 say ltrim(str(tothours,6,1))
case dtoc(otdate)="12/04/93"
@prow(),48 say ltrim(str(tothours,6,1))
case dtoc(otdate)="13/04/93"
@prow(),52 say ltrim(str(tothours,6,1))
case dtoc(otdate)="14/04/93"
@prow(),56 say ltrim(str(tothours,6,1))
case dtoc(otdate)="15/04/93"
@prow(),60 say ltrim(str(tothours,6,1))
case dtoc(otdate)="16/04/93"
@prow(),64 say ltrim(str(tothours,6,1))
case dtoc(otdate)="17/04/93"
@prow(),68 say ltrim(str(tothours,6,1))
case dtoc(otdate)="18/04/93"
@prow(),72 say ltrim(str(tothours,6,1))
case dtoc(otdate)="19/04/93"
@prow(),77 say ltrim(str(tothours,6,1))
case dtoc(otdate)="20/04/93"
@prow(),81 say ltrim(str(tothours,6,1))
case dtoc(otdate)="21/04/93"
@prow(),85 say ltrim(str(tothours,6,1))
case dtoc(otdate)="22/04/93"
@prow(),89 say ltrim(str(tothours,6,1))
case dtoc(otdate)="23/04/93"
@prow(),93 say ltrim(str(tothours,6,1))
case dtoc(otdate)="24/04/93"
@prow(),97 say ltrim(str(tothours,6,1))
case dtoc(otdate)="25/04/93"
@prow(),101 say ltrim(str(tothours,6,1))
case dtoc(otdate)="26/04/93"
@prow(),105 say ltrim(str(tothours,6,1))
case dtoc(otdate)="27/04/93"
@prow(),109 say ltrim(str(tothours,6,1))
case dtoc(otdate)="28/04/93"

```

```

@prow(),113 say ltrim(str(tothours,6,1))
case dtoc(otdate)="29/04/93"
@prow(),117 say ltrim(str(tothours,6,1))
case dtoc(otdate)="30/04/93"
@prow(),121 say ltrim(str(tothours,6,1))
case dtoc(otdate)="31/04/93"
@prow(),125 say ltrim(str(tothours,6,1))
endc
skip
loop
endd
@prow()+1,1 say repli("-",130)
if cnt>25
@prow()+1,00 say chr(15)+repli("=",230)+chr(18)
@prow()+1,100 say chr(14)+"page no. = "+ltrim(str(page))+chr(20)
page=page+1
cnt=1
eject
do head
sele b
endi
cnt=cnt+1
if eof()
@prow()+1,00 say chr(15)+repli("=",230)+chr(18)
exit
else
skip -1
skip 1
loop
endi
endd
set devi to scre
sele b
zap
endi
ch1=" "
@ 11,51 SAY "Another department"
@ 12,51 say "report to print "
@ 13,60 get ch1
read
do case
case upper(ch1)="Y"
loop
case upper(ch1)="N"
set colo to gr+/gr+
clos all
clea all
@10,50 clea to 14,70
exit
endc
endd
set devi to scre
retu

```

```

*=====
*               (HEAD.PRG)               *
* THIS PROGRAM IS USED BY EXWOHE5.PRG AND EXWOHET.PRG *
* FOR GENERATION OF EXTRA WORK CALCULATION SHEET FOR *
* PERMANENT AS WELL AS TEMPORARY EMPLOYEES, AND IT IS *
* CALLED AUTOMATICALLY BY THE ABOVE MENTIONED PROGRAMS*
*=====

```

```

sele c
seek dep
@prow()+3,10 say chr(14)+"EXTRA WORK CALCUTION FOR MONTH
APRIL"+CHR(20)
@prow()+1,10 say chr(14)+"DEPARTMENT "+ltrim(upper(namedep))+chr(20)
@prow()+1,1 say chr(15)+repli("=",230)+chr(18)
@prow()+1,1 say CHR(15)+"EMP.NO."+chr(18)
@prow(),06 say "1"+"|"
@prow(),10 say "2"+"|"
@prow(),14 say "3"+"|"
@prow(),18 say "4"+"|"
@prow(),22 say "5"+"|"
@prow(),26 say "6"+"|"
@prow(),30 say "7"+"|"
@prow(),34 say "8"+"|"
@prow(),38 say "9"+"|"
@prow(),42 say "10"+"|"
@prow(),46 say "11"+"|"
@prow(),50 say "12"+"|"
@prow(),54 say "13"+"|"
@prow(),58 say "14"+"|"
@prow(),62 say "15"+"|"
@prow(),66 say "16"+"|"
@prow(),70 say "17"+"|"
@prow(),74 say "18"+"|"
@prow(),78 say "19"+"|"
@prow(),82 say "20"+"|"
@prow(),86 say "21"+"|"
@prow(),90 say "22"+"|"
@prow(),94 say "23"+"|"
@prow(),98 say "24"+"|"
@prow(),102 say "25"+"|"
@prow(),106 say "26"+"|"
@prow(),110 say "27"+"|"
@prow(),114 say "28"+"|"
@prow(),118 say "29"+"|"
@prow(),122 say "30"+"|"
@prow(),126 say "31"+"|"
@prow()+1,1 say chr(15)+repli("=",230)+chr(18)
retu

```



```

*=====*
*              (HEAD1.PRG)              *
* THIS PROGRAM IS CALLED BY EXWOHES.PRG FOR PRINTING *
* EXTRA WORK CALCULATION SHEET FOR STAFF EMPLOYEES. *
*=====*
sele c
seek dep
@prow()+3,10 say chr(14)+"EXTRA WORK CALCUATION FOR MONTH
APRIL"+CHR(20)
@prow()+1,10 say chr(14)+"DEPARTMENT "+ltrim(upper(namedep))+chr(20)
@prow()+1,1 say chr(15)+repli("=",230)+chr(18)
@prow()+1,1 say CHR(15)+"EMP.NO."+chr(18)
@prow(),06 say "25"+"|"
@prow(),10 say "26"+"|"
@prow(),14 say "27"+"|"
@prow(),18 say "28"+"|"
@prow(),22 say "29"+"|"
@prow(),26 say "30"+"|"
@prow(),30 say "31"+"|"
@prow(),34 say "1"+"|"
@prow(),38 say "2"+"|"
@prow(),42 say "3"+"|"
@prow(),46 say "4"+"|"
@prow(),50 say "5"+"|"
@prow(),54 say "6"+"|"
@prow(),58 say "7"+"|"
@prow(),62 say "8"+"|"
@prow(),66 say "9"+"|"
@prow(),70 say "10"+"|"
@prow(),74 say "11"+"|"
@prow(),78 say "12"+"|"
@prow(),82 say "13"+"|"
@prow(),86 say "14"+"|"
@prow(),90 say "15"+"|"
@prow(),94 say "16"+"|"
@prow(),98 say "17"+"|"
@prow(),102 say "18"+"|"
@prow(),106 say "19"+"|"
@prow(),110 say "20"+"|"
@prow(),114 say "21"+"|"
@prow(),118 say "22"+"|"
@prow(),122 say "23"+"|"
@prow(),126 say "24"+"|"
@prow()+1,1 say chr(15)+repli("=",230)+chr(18)
retu

```



```

*=====*
*              (EMP.PRGM)              *
* THIS PROGRAM GENERATES EXTRA WORK CALCULATION SHEET *
* FOR TEMPORARY EMPLOYEES ONLY AND IN THE ASCENDING *
* ORDER OF THEIR EMPLOYEE NO'S.         *
*=====*

```

```

set talk off
set echo off
set stat off
set scor off
set date brit
set safe off
set colo to gr+/b+
@ 10,50 clea to 14,70
@ 12,51 say "please wait..."
@ 13,51 say "Indexing....."
use overtemp inde emp
rein
set colo to
clos all
clea all
clea
sele a
use overtemp inde emp
ch=.t.
do while ch
set colo to gr+/b+
sele a
go top
@ 10,50 clea to 14,70
@ 12,51 say "Printing....."
set devi to prin
do head2
page=1
CNT=1
do while .not. eof()
code=empno
@ prow()+1,0 say ltrim(str(code))+":"
do while empno=code
do case
case dtoc(ot_date)="01/04/93"
@prow(),05say ltrim(str(othours,6,1))
case dtoc(ot_date)="02/04/93"
@prow(),08 say ltrim(str(othours,6,1))
case dtoc(ot_date)="03/04/93"
@prow(),12 say ltrim(str(othours,6,1))
case dtoc(ot_date)="04/04/93"
@prow(),16 say ltrim(str(othours,6,1))
case dtoc(ot_date)="05/04/93"
@prow(),20 say ltrim(str(othours,6,1))
case dtoc(ot_date)="06/04/93"
@prow(),24 say ltrim(str(othours,6,1))
case dtoc(ot_date)="07/04/93"
@prow(),28 say ltrim(str(othours,6,1))
case dtoc(ot_date)="08/04/93"
@prow(),32 say ltrim(str(othours,6,1))
case dtoc(ot_date)="09/04/93"
@prow(),36 say ltrim(str(othours,6,1))
case dtoc(ot_date)="10/04/93"
@prow(),40 say ltrim(str(othours,6,1))

```

27-5-99

```

case dtoc(ot_date)="11/04/93"
@prow(),44 say ltrim(str(othours,6,1))
case dtoc(ot_date)="12/04/93"
@prow(),48 say ltrim(str(othours,6,1))
case dtoc(ot_date)="13/04/93"
@prow(),52 say ltrim(str(othours,6,1))
case dtoc(ot_date)="14/04/93"
@prow(),56 say ltrim(str(othours,6,1))
case dtoc(ot_date)="15/04/93"
@prow(),60 say ltrim(str(othours,6,1))
case dtoc(ot_date)="16/04/93"
@prow(),64 say ltrim(str(othours,6,1))
case dtoc(ot_date)="17/04/93"
@prow(),68 say ltrim(str(othours,6,1))
case dtoc(ot_date)="18/04/93"
@prow(),72 say ltrim(str(othours,6,1))
case dtoc(ot_date)="19/04/93"
@prow(),77 say ltrim(str(othours,6,1))
case dtoc(ot_date)="20/04/93"
@prow(),81 say ltrim(str(othours,6,1))
case dtoc(ot_date)="21/04/93"
@prow(),85 say ltrim(str(othours,6,1))
case dtoc(ot_date)="22/04/93"
@prow(),89 say ltrim(str(othours,6,1))
case dtoc(ot_date)="23/04/93"
@prow(),93 say ltrim(str(othours,6,1))
case dtoc(ot_date)="24/04/93"
@prow(),97 say ltrim(str(othours,6,1))
case dtoc(ot_date)="25/04/93"
@prow(),101 say ltrim(str(othours,6,1))
case dtoc(ot_date)="26/04/93"
@prow(),105 say ltrim(str(othours,6,1))
case dtoc(ot_date)="27/04/93"
@prow(),109 say ltrim(str(othours,6,1))
case dtoc(ot_date)="28/04/93"
@prow(),113 say ltrim(str(othours,6,1))
case dtoc(ot_date)="29/04/93"
@prow(),117 say ltrim(str(othours,6,1))
case dtoc(ot_date)="30/04/93"
@prow(),121 say ltrim(str(othours,6,1))
case dtoc(ot_date)="31/04/93"
@prow(),125 say ltrim(str(othours,6,1))
endc
skip 1
loop
endd
@prow()+1,1 say repli("-",130)
if cnt>25
@prow()+1,00 say chr(15)+repli("=",230)+chr(18)
@prow()+1,100 say chr(14)+"page no. = "+ltrim(str(page))+chr(20)
page=page+1
cnt=1
eject
do head2
endi
cnt=cnt+1
if eof()
@prow()+1,00 say chr(15)+repli("=",230)+chr(18)
set devi to scre
exit
else

```

```
skip -1
skip 1
loop
endi
endd
set colo to
clos all
clea all
clea
exit
endd
retu
*=====*
```

```

*=====*
*               (DEPPER.M.PR.G)               *
* THIS PROGRAM PRINTS THE HOURS16 REPORT FOR PERMANENT*
* EMPLOYEES HELPFUL IN RESTRICTING THE OVERTIME IN   *
* PARTICULAR DEPARTMENTS. IT CAN BE CALLED BY USING  *
* THE OPTION 1. IN SUBMENU 2.PR.G .                 *
*=====*

```

```

set colo to bg+/b+
@ 2,57 clea to 4,77
@ 2,57 to 4,77
@ 6,57 clea to 14,77
@ 6,57 to 14,77
@ 7,58 say "PLEASE WAIT.."
@ 9,58 say "Reindexing "
@ 11,58 say "File for Staff"
use overperm inde dept
rein
clos all
clea all
sta=val(left(time()),2))*3600+val(substr(time(),4,2))*60+val
(right(time()),2))
@ 7,58 clea to 13,76
sele a
use overperm inde dept
sele b
use defemp inde defemp
sele c
use defrec
sele a
go top
deptt=1
do while deptt<=24
seek deptt
if .not. found()
deptt=deptt+1
if deptt>24
set colo to
clos all
clea all
set colo to gr+/gr+
@ 2,57 clea to 14,77
exit
else
go top
loop
endi
else
re=1
@ 7,58 say "Transferring "
@ 8,58 say "Records from "
@ 9,58 say "Staff.dbf for"
@ 10,58 say "Deptt No. "+ltrim(str(deptt))
@ 11,58 say "To File "
@ 12,58 say "Defemp.dbf"
tot1=0
do while depttcode=deptt
sele b
appe blank
repl empn with a->empno,depttno with deptt,tothours with a-
>othours,;

```



```

otdate with a->ot_date
@ 13,58 say "Rec.Entered "+ltrim(str(re))
re=re+1
sele a
skip 1
loop
endd
endi
@ 7,58 clea to 13,76
@ 7,58 say "Please Wait.."
@ 9,58 say "Reindexing File"
@ 11,58 say "defemp.dbf "
sele b
rein
sele b
go top
me=spac(30)
do while .not. eof()
code=empn
@ 7,58 clea to 13,76
@ 8,58 say "Calculating for "
@ 10,58 say "Employee no."
@ 12,65 say ltrim(str(code))
tot=0
dat=spac(8)
dat1=ctod(dat)
do while empn=code
tot=tot+tothours
tot1=tot1+tot
dep=deptt
if tot>=16 .and. dtoc(dat1)=" / / "
dat1=otdate
me = "EXCEED 16 HRS ON "+DTC(DAT1)
endi
skip
loop
endd
skip -1
@ 7,58 clea to 13,76
@ 8,58 say "Appending to "
@ 10,58 say "File defrec.dbf"
sele c
appe blank
repl emp with b->empn,depno with b->depttno,tothrs with
tot,mess with me,;
otda with dat1
me=" "
sele b
skip 1
if eof()
set colo to
exit
endi
loop
endd
set colo to bg+/b+
@ 7,58 clea to 13,76
@ 9,58 say "Deleting all"
@ 11,58 Say "records in "
@ 13,58 say "defemp.dbf "
sele b

```

```

zap
sele a
go top
fin=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val
(right(time(),2))
fin1=mod((fin-sta),60)
fin2=int((fin-sta)/60)
@ 2,57 clea to 4,77
@ 2,57 to 4,77
@ 3,58 say "Elapsed Time "+ltrim(str(fin2))+":"+ltrim(str(fin1))
deptt=deptt+1
loop
endd
clos all
clea all
do hrs16
retu

```

```

*=====
*                                     (DEPSTAF.PRGR)
* THIS PROGRAM PRINTS THE HOURS16 REPORT FOR THE STAFF*
* EMPLOYEES AND CAN BE CALLED BY USING OPTION 2. IN
* SUBMENU 2.PRGR
*=====

```

```

set colo to bg+/b+
@ 2,57 clea to 4,77
@ 2,57 to 4,77
@ 6,57 clea to 14,77
@ 6,57 to 14,77
@ 7,58 say "PLEASE WAIT.."
@ 9,58 say "Reindexing "
@ 11,58 say "File for Staff"
use overstaf inde dept
rein
clos all
clea all
@ 3,58 say "Elapsed Time 0::00"
sta=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val
(right(time(),2))
@ 7,58 clea to 13,76
sele a
use overstaf inde dept
sele b
use defemp inde defemp
sele c
use defrec
sele a
go top
deptt=1
do while deptt<=24
seek deptt
if .not. found()
deptt=deptt+1
if deptt>24
set colo to
clos all
clea all
@ 7,58 clea to 13,76
exit
else
go top
loop
endi
else
re=1
@ 7,58 say "Transferring "
@ 8,58 say "Records from "
@ 9,58 say "Staff.dbf for"
@ 10,58 say "Deptt No. "+ltrim(str(deptt))
@ 11,58 say "To File "
@ 12,58 say "Defemp.dbf"
totl=0
do while depttcode=deptt
sele b
appe blank
repl empn with a->empno,depttno with deptt,tothours with a-
>othours,;
otdate with a->ot_date

```

```

@ 13,58 say "Rec.Entered "+ltrim(str(re))
re=re+1
sele a
skip 1
loop
endd
endi
@ 7,58 clea to 13,76
@ 7,58 say "Please Wait..."
@ 9,58 say "Reindexing File"
@ 11,58 say "defemp.dbf "
sele b
rein
sele b
go top
me=spac(30)
do while .not. eof()
code=empn
@ 7,58 clea to 13,76
@ 8,58 say "Calculating for "
@ 10,58 say "Employee no."
@ 12,65 say ltrim(str(code))
tot=0
dat=spac(8)
dat1=ctod(dat)
do while empn=code
tot=tot+tothours
tot1=tot1+tot
dep=deptt
if tot>=16 .and. dtoc(dat1)=" / / "
dat1=otdate
me = "EXCEED 16 HRS ON "+DTC(DAT1)
endi
skip
loop
endd
skip -1
@ 7,58 clea to 13,76
@ 8,58 say "Appending to "
@ 10,58 say "File defrec.dbf"
sele c
appe blank
repl emp with b->empn,depno with b->depttno,tothrs with
tot,mess with me,;
otda with dat1
me=" "
sele b
skip 1
if eof()
set colo to
exit
endi
loop
endd
set colo to bg+/b+
@ 7,58 clea to 13,76
@ 9,58 say "Deleting all"
@ 11,58 Say "records in "
@ 13,58 say "defemp.dbf "
sele b
zap

```



```

sele a
go top
fin=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val
(right(time(),2))
fin1=mod((fin-sta),60)
fin2=int((fin-sta)/60)
@ 2,57 clea to 4,77
@ 2,57 to 4,77
@ 3,58 say "Elapsed Time "+ltrim(str(fin2))+":"+ltrim(str(fin1))
deptt=deptt+1
loop
endd
clos all
clea all
do hrs16
retu

```

```

*=====*
*                                     (DEPTTEMP.PRGR)                                     *
* THIS PROGRAM PRINTS THE HOURS16 REPPORT FOR THE                                     *
* TEMPORARY EMPLOYEES AND IT CAN BE CALLED BY USING                                     *
* OPTION 3. IN SUBMENU2.PRGR                                                         *
*=====*

```

```

set colo to bg+/b+
@ 2,57 clea to 4,77
@ 2,57 to 4,77
@ 6,57 clea to 14,77
@ 6,57 to 14,77
@ 7,58 say "PLEASE WAIT.."
@ 9,58 say "Reindexing "
@ 11,58 say "File for Staff"
use overtemp inde dept
rein
clos all
clea all
sta=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val
(right(time(),2))
@ 7,58 clea to 13,76
sele a
use overtemp inde dept
sele b
use defemp inde defemp
sele c
use defrec
sele a
go top
deptt=1
do while deptt<=24
seek deptt
if .not. found()
deptt=deptt+1
if deptt>24
set colo to
clos all
clea all
set colo to gr+/gr+
@ 2,57 clea to 14,77
exit
else
go top
loop
endi
else
re=1
@ 7,58 say "Transferring "
@ 8,58 say "Records from "
@ 9,58 say "Staff.dbf for"
@ 10,58 say "Deptt No. "+ltrim(str(deptt))
@ 11,58 say "To File "
@ 12,58 say "Defemp.dbf"
totl=0
do while depttcode=deptt
sele b
appe blank
repl empn with a->empno,depttno with deptt,tothours with a-
>othours,;
otdate with a->ot_date

```

```

@ 13,58 say "Rec.Entered "+ltrim(str(re))
re=re+1
sele a
skip 1
loop
endd
endi
@ 7,58 clea to 13,76
@ 7,58 say "Please Wait..."
@ 9,58 say "Reindexing File"
@ 11,58 say "defemp.dbf "
sele b
rein
sele b
go top
me=spac(30)
do while .not. eof()
code=empn
@ 7,58 clea to 13,76
@ 8,58 say "Calculating for "
@ 10,58 say "Employee no."
@ 12,65 say ltrim(str(code))
tot=0
dat=spac(8)
dat1=ctod(dat)
do while empn=code
tot=tot+tothours
tot1=tot1+tot
dep=deptt
if tot>=16 .and. dtoc(dat1)=" / / "
dat1=otdate
me = "EXCEED 16 HRS ON "+DTC(DAT1)
endi
skip
loop
endd
skip -1
@ 7,58 clea to 13,76
@ 8,58 say "Appending to "
@ 10,58 say "File defrec.dbf"
sele c
appe blank
repl emp with b->empn,depno with b->depttno,tothrs with
tot,mess with me,;
otda with dat1
me=" "
sele b
skip 1
if eof()
set colo to
exit
endi
loop
endd
set colo to bg+/b+
@ 7,58 clea to 13,76
@ 9,58 say "Deleting all"
@ 11,58 Say "records in "
@ 13,58 say "defemp.dbf "
sele b
zap

```

```

sele a
go top
fin=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val
(right(time(),2))
fin1=mod((fin-sta),60)
fin2=int((fin-sta)/60)
@ 2,57 clea to 4,77
@ 2,57 to 4,77
@ 3,58 say "Elapsed Time "+ltrim(str(fin2))+":"+ltrim(str(fin1))
deptt=deptt+1
loop
endd
clos all
clea all
do hrs16
retu

```



```

*=====
*                               (HOURS16.PRG)                               *
* THIS PROGRAM IS THE ACTUAL PROGRAM WHICH PRINTS THE *
* HOURS16 REPORT AND IT IS COMMON TO ALL THE THREE *
* PROGRAM MENTIONED EARLIER. *
*=====

set colo to bg+/b+
@ 6,57 clea to 13,77
@ 6,57 to 13,77
@ 7,58 say "Please Wait.."
@9,58 say "Deleting Unwanted"
@11,58 say "Records"
use defrec
dele all for tothrs<16
pack
@ 7,58 clea to 11,76
@ 7,58 say "Wait.."
@ 9,58 say "Reindexing.."
use defrec inde defdep
rein
@7,58 clea to 11,76
dep=1
use defrec inde defdep
go top
do while .not. eof()
go top
seek dep
if .not. found()
dep=dep+1
if dep>24
    set colo to gr+/gr+
    clos all
    clea all
    exit
endi
go top
loop
else
@ 7,58 clea to 11,76
@ 7,58 say "Wait.."
@ 9,58 say "Printing.."
@ 11,58 say "For Deptt "+ltrim(str(dep))
SET DEVI TO PRIN
do hrs16a
set devi to scre
set devi to prin
do while depno=dep
@PROW()+1,2 SAY "!"
@PROW() ,7 SAY LTRIM(STR(EMP))
@PROW() ,18 SAY "!"
@PROW() ,22 SAY LTRIM(STR(TOTHRs,6,2))
@PROW() ,30 SAY "!"
@PROW() ,34 SAY MESS
@PROW() ,63 SAY "!"
@PROW() ,78 SAY "!"
@PROW()+1,2 SAY "!" + REPLI("-",75) + "!"
if proW()>72
    eject
    do hrs16a
endi

```

```
skip 1
loop
endd
eject
set devi to scre
endi
dep=dep+1
go top
loop
endd
use defrec inde defdep
zap
clos all
clea all
@ 6,57 clea to 21,77
retu
```

```

*=====*
*              (HRS16A.PRG)              *
* THIS PROGRAM PRINTS THE HEADER FOR HOURS16 REPORT. *
* AND IS CALLED BY USING HOURS 16.PRG. *
*                                          *
*=====*
@PROW()+4,16      SAY CHR(14)+"REPORT FOR DEPARTMENT NO.
"+LTRIM(STR(DEP))+CHR(20)
@PROW()+1,2                                             SAY
"!=====
=====|
@PROW()+1,2      SAY      "|              |      TOTAL      |
|              |
@PROW()+1,2      SAY      "|EMPLOYEE NO.      |      OVERTIME      |
MESSAGE              |      REMARKS      |
@PROW()+1,2      SAY      "|              |      HOURS      |
|              |
@PROW()+1,2                                             SAY
"!=====|=====|=====
===|=====|"

```

```

*=====*
*               (PEROTDA.PRG)               *
* THIS PROGRAM IS USED FOR GENERATING THE PERCENTAGE *
* OVERTIME REPORT ON DAILY BASIS AND IS CALLED BY   *
* USING THE OPTION 1. IN SUBMENU3.PRG .            *
*=====*

```

```

publ dat1,dat2
sele a
use olddata inde old
sele b
use temp inde tempdate
sele d
use percent
sele e
use manpower inde manpower
sele f
use namedept inde namedept
dat1=spac(8)
dat2=spac(8)
set colo to gr+/r+,gr+/b+
@ 16,57 clea to 18,77
@ 16,57 to 18,77
@ 17,58 say "Elapsed Time 0::00"
@ 5,57 clea to 13,77
@ 5,57 to 13,77
@ 6,60 say "Calculation of"
@ 7,60 say "Overtime totals"
@ 8,58 to 8,76
@ 11,58 say "For Date "get dat1 pict "99/99/99"
read
@ 6,58 clea to 12,76
star=val(left(time(),2))*3600+val(substr(time(),4,2))*60+va
l(right(time(),2))
dat3=ctod(dat1)
sele e
go top
stor                                0                                to
m1,m2,m3,m4,m5,m6,m7,m8,m9,m10,m11,m12,m13,m14,m15,m16,m17,;
m18,m19,m20,m21,m22
seek dat3
m1=m1+mp1
m2=m2+mp2
m3=m3+mp3
m4=m4+mp4
m5=m5+mp5
m6=m6+mp6
m7=m7+mp7
m8=m8+mp8
m9=m9+mp9
m10=m10+mp10
m11=m11+mp11
m12=m12+mp12
m13=m13+mp13
m14=m14+mp14
m15=m15+mp15
m16=m16+mp16
m17=m17+mp17
m18=m18+mp18

```



```

m19=m19+mp19
m20=m20+mp20
m21=m21+mp21
m22=m22+mp22
sele a
go top
dep = 1
dat3=ctod(dat1)
tot=0
do while .not. eof()
@ 6,58 clea to 12,76
seek dep
if .not. found()
do case
case dep>22
set colo to
exit
case dep<=22
dep=dep+1
go top
loop
endc
else
@ 6,58 clea to 12,76
@ 6,58 say "Transfer of records"
@ 7,58 say " From OLDDATA.DBF"
@ 8,58 say " To TEMP.DBF"
@ 9,58 say " For Deptt. "+ltrim(str(depttcode))
@ 11,58 say "Records Entered "
re=1
do while depttcode=dep
IF OT_DATE=DAT3
sele b
appe blank
repl en with a->empno,od with a->ot_date,dc with a-
>depttcode ;;
oh with a->othours
@ 12,65 say ltrim(str(re))
re=re+1
sele a
skip 1
loop
ELSE
SKIP 1
LOOP
ENDI
endd
endi
sele a
go top
@ 6,58 clea to 12,76
fin=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val
(right(time(),2))
fin1=mod((fin-star),60)
fin2=int((fin-star)/60)
@17,58 say "Elapsed Time
"+ltrim(str(fin2))+": "+ltrim(str(fin1))
@6,58 clea to 12,76
@7,58 say " Please Wait.."
@9,58 say "Reindexing File"
@11,58 say " TEMP.DBF"

```

```

sele b
rein
@6,58 clea to 12,76
sele b
go top
dat3=ctod(dat1)
tot=0
@ 6,58 clea to 12,76
@ 7,58 say "Calculation of"
@ 9,58 say "Total O.T for"
seek dat3
@ 11,58 say "Date "+dtoc(dat3)
@ 12,58 say "In Progress.."
do while od=dat3
tot=tot+oh
skip 1
loop
endd
@ 6,58 clea to 12,76
@ 7,58 say " Appending the"
@ 9,58 say "Calculated data"
@ 11,58 say "to PERCENT.DBF"
sele d
appe blan
repl dcode with dep,tothrs with tot
do case
case dep=1
repl mpow with m1
case dep=2
repl mpow with m2
case dep=3
repl mpow with m3
case dep=4
repl mpow with m4
case dep=5
repl mpow with m5
case dep=6
repl mpow with m6
case dep=7
repl mpow with m7
case dep=8
repl mpow with m8
case dep=9
repl mpow with m9
case dep=10
repl mpow with m10
case dep=11
repl mpow with m11
case dep=12
repl mpow with m12
case dep=13
repl mpow with m13
case dep=14
repl mpow with m14
case dep=15
repl mpow with m15
case dep=16
repl mpow with m16
case dep=17
repl mpow with m17
case dep=18

```

```

repl mpow with m18
case dep=19
repl mpow with m19
case dep=20
repl mpow with m20
case dep=21
repl mpow with m21
case dep=22
repl mpow with m22
@ 6,58 clea to 12,76
@ 7,58 say "Deleting all"
@ 9,58 say "Records from"
@ 11,58 say "TEMP.DBF"
endc
sele b
zap
sele a
go top
dep=dep+1
loop
endd
set colo to gr+/r+
@6,58 clea to 12,76
@7,58 say " PRINTING.."
@9,58 say "The Percentage"
@11,58 say "O.T. Report"
dat3=ctod(dat1)
set devi to prin
@prow()+5,7 say chr(14)+"EXTRA WORK REPORT"
@prow()+1,7 SAY chr(14)+"FOR DATE "+dtoc(dat3)+chr(20)
@prow()+3,7 SAY "|" +repli("=",71)+"|"
@prow()+1,7 SAY "|"
@prow() ,8 say "DEPT NO"
@prow() ,15 say "|"
@prow() ,16 say "DEPARTMENT NAME"
@prow() ,40 say "|"
@prow() ,41 say "NORMAL HRS"
@prow() ,52 say "|"

@prow() ,64 say "|"
@prow() ,65 say "%AGE OVERTIME"
@prow() ,79 say "|"
@prow()+1,7 say "|" +repli("=",71)+"|"
sele d
go top
tot=0
tot1=0
do while .not. eof()
dno=dcode
sele f
seek dno
stor namedep to name
sele d
@prow()+1,07 say "|"
@prow(),10 say ltrim(str(dcode))
@prow(),15 say "|"
@prow(),18 say ltrim(upper(name))
@prow(),40 say "|"
@prow(),43 say ltrim(str(mpow*6.5,7,2))
tot=tot+(mpow*6.5)
@prow(),52 say "|"

```

```

@prow(),56 say ltrim(str(tothrs,8,2))
tot1=tot1+tothrs
@prow(),64 say "|"
@prow(),70 say ltrim(str((tothrs/(mpow*6.5)*100),8,2))
@prow(),79 say "|"
@prow()+1,7 say "|" + repli("-",71) + "|"
skip 1
loop
endd
@prow()+1,7 say "|" + repli("=",71) + "|"
@prow()+1,7 say "|"
@prow(),15 say "|"
@prow(),18 say "TOTALS "
@prow(),40 say "|"
@prow(),43 say ltrim(str(tot,10,2))
@prow(),52 say "|"
@prow(),56 say ltrim(str(tot1,8,2))
@prow(),64 say "|"
@prow(),70 say ltrim(str(((tot1/tot)*100),6,2))
@prow(),79 say "|"
@prow()+1,7 say "|" + repli("=",71) + "|"
set device to screen
sele d
zap
close all
clea all
set colo to gr+/gr+
@ 5,57 clea to 21,77
retu

```

Thapar Institute of Engg. & Tech.
 PATIALA-147001
 CENTRAL LIBRARY
 Acc. No. 90489 Dt. 27-5-94


```

*=====
*                               (PEROT2.PRG)                               *
* THIS PROGRAM PRINTS THE PERCENTAGE OVERTIME REPORT                      *
* FOR A SPECIFIC PERIOD OF TIME AND CAN BE CALLED BY                      *
* USING OPTION 2. IN SUBMENU.PRG                                          *
*=====

```

```

publ dat1,dat2
sele a
use olddata inde old
sele b
use temp inde tempdate
sele d
use percent
sele e
use manpower inde manpower
sele f
use namedept inde namedept
stor spac(8) to dat1,dat2
set colo to gr+/r+,gr+/b+
@16,57 clea to 18,77
@16,57 to 18,77
@17,58 say "Elapsed Time 0::00"
@5,57 clea to 13,77
@5,57 to 13,77
@6,60 say "Cal.of O.T"
@8,58 to 8,76
@10,58 say "From Date "get dat1 pict "99/99/99"
read
@12,58 say "To Date "get dat2 pict "99/99/99"
read
@6,58 clea to 12,76
star=val(left(time(),2))*3600+val(substr(time(),4,2))*60+va
l(right(time(),2))
dat3=ctod(dat1)
dat4=ctod(dat2)
sele e
go top
stor                                0                                to
m1,m2,m3,m4,m5,m6,m7,m8,m9,m10,m11,m12,m13,m14,m15,m16,m17,;
m18,m19,m20,m21,m22
do while dat3<=dat4
seek dat3
m1=m1+mp1
m2=m2+mp2
m3=m3+mp3
m4=m4+mp4
m5=m5+mp5
m6=m6+mp6
m7=m7+mp7
m8=m8+mp8
m9=m9+mp9
m10=m10+mp10
m11=m11+mp11
m12=m12+mp12
m13=m13+mp13
m14=m14+mp14
m15=m15+mp15
m16=m16+mp16
m17=m17+mp17
m18=m18+mp18

```

```

m19=m19+mp19
m20=m20+mp20
m21=m21+mp21
m22=m22+mp22
dat3=dat3+1
go top
loop
endd
sele a
go top
dep=1
dat3=ctod(dat1)
dat4=ctod(dat2)
tot=0
do while .not. eof()
@6,58 clea to 12,76
seek dep
if .not. found()
do case
case dep>22
set colo to
exit
case dep<=22
dep=dep+1
go top
loop
endc
else
@6,58 clea to 12,76
@6,58 say "Transfer of records"
@7,58 say "From OLDDATA.DBF"
@8,58 say "To TEMP.DBF"
@9,58 say "For Deptt. "+ltrim(str(depttcode))
@11,58 say "Records Entered "
re=1
do while depttcode=dep
IF OT_DATE<=DAT4
sele b
appe blank
repl en with a->empno,od with a->ot_date,dc with a->depttcode,;
oh with a->othours
@12,65 say ltrim(str(re))
re=re+1
sele a
skip 1
loop
ELSE
SKIP 1
LOOP
ENDI
endd
endi
sele a
go top
fin=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val
(right(time(),2))
fin1=mod((fin-star),60)
fin2=int((fin-star)/60)
@17,58 say "Elapsed Time "+ltrim(str(fin2))+": "+ltrim(str(fin1))
@6,58 clea to 12,76
@9,58 say "Reindexing"

```

```

@11,58 say "TEMP.DBF"
sele b
rein
@6,58 clea to 12,76
sele b
go top
dat3=ctod(dat1)
dat4=ctod(dat2)
tot=0
do while .not.eof() .and. dat3<=dat4
@9,58 say "Cal. O.T for"
seek dat3
if .not. found()
do case
case dat3>dat4
exit
otherwise
dat3=dat3+1
go top
loop
endc
else
@11,58 say "Date "+dtoc(dat3)
do while od=dat3
tot=tot+oh
skip 1
loop
endd
dat3=dat3+1
loop
endi
endd
@6,58 clea to 12,76
@7,58 say "Appending"
@11,58 say "to PERCENT.DBF"
sele d
appe blan
repl dcode with dep,tothrs with tot
do case
case dep=1
repl mpow with m1
case dep=2
repl mpow with m2
case dep=3
repl mpow with m3
case dep=4
repl mpow with m4
case dep=5
repl mpow with m5
case dep=6
repl mpow with m6
case dep=7
repl mpow with m7
case dep=8
repl mpow with m8
case dep=9
repl mpow with m9
case dep=10
repl mpow with m10
case dep=11
repl mpow with m11

```

```

case dep=12
repl mpow with m12
case dep=13
repl mpow with m13
case dep=14
repl mpow with m14
case dep=15
repl mpow with m15
case dep=16
repl mpow with m16
case dep=17
repl mpow with m17
case dep=18
repl mpow with m18
case dep=19
repl mpow with m19
case dep=20
repl mpow with m20
case dep=21
repl mpow with m21
case dep=22
repl mpow with m22
@6,58 clea to 12,76
@7,58 say "Deleting"
@9,58 say "Records from"
@11,58 say "TEMP.DBF"
endc
sele b
zap
sele a
go top
dep=dep+1
loop
endd
set colo to gr+/r+
@6,58 clea to 12,76
@9,58 say "PRINTING.."
dat3=ctod(dat1)
dat4=ctod(dat2)
set devi to prin
@prow()+5,7 say chr(14)+"EXTRA WORK REPORT"
@prow()+1,7 SAY chr(14)+"FROM DATE "+dtoc(dat3)+"TO"+dtoc(dat4)+chr(2)
@prow()+3,7 SAY " "+repli("=",71)+" "
@prow()+1,7 SAY " "
@prow(),8 say "DEPT NO"
@prow(),15 say " "
@prow(),16 say "DEPARTMENT NAME"
@prow(),40 say " "
@prow(),41 say "NORMAL HRS"
@prow(),52 say " "
@prow(),53 say "ACTUAL HRS"
@prow(),64 say " "
@prow(),65 say "%AGE OVERTIME"
@prow(),79 say " "
@prow()+1,7 say " "+repli("=",71)+" "
sele d
go top
tot=0
tot1=0
do while .not. eof()
dno=dcode

```



```

sele f
seek dno
stor namedep to name
sele d
@prow()+1,7 say "|"
@prow(),10 say ltrim(str(dcode))
@prow(),15 say "|"
@prow(),18 say ltrim(upper(name))
@prow(),40 say "|"
@prow(),43 say ltrim(str(mpow*6.5,7,2))
tot=tot+(mpow*6.5)
@prow(),52 say "|"
@prow(),56 say ltrim(str(tothrs,8,2))
tot1=tot1+tothrs
@prow(),64 say "|"
@prow(),70 say ltrim(str(((tothrs/(mpow*6.5)*100),8,2))
@prow(),79 say "|"
@prow()+1,7 say "|" + repli("-",71) + "|"
skip 1
loop
endd
@prow()+1,7 say "|" + repli("=",71) + "|"
@prow()+1,7 say "|"
@prow(),15 say "|"
@prow(),18 say "TOTALS"
@prow(),40 say "|"
@prow(),43 say ltrim(str(tot,10,2))
@prow(),52 say "|"
@prow(),56 say ltrim(str(tot1,8,2))
@prow(),64 say "|"
@prow(),70 say ltrim(str((((tot1/tot)*100),6,2))
@prow(),79 say "|"
@prow()+1,7 say "|" + repli("=",71) + "|"
set device to screen
sele d
zap
close all
clea all
set colo to gr+/gr+
@ 5,57 clea to 21,77
retu

```

```

*=====
*                               (PEROTMO.PRG)                               *
* THIS PROGRAM PRINTS THE PERCENTAGE OVERTIME REPORT *
* FOR THE WHOLE MONTH AND CAN BE CALLED BY USING THE *
* OPTION 3. IN SUBMENU.PRG *
*=====

      publ da,dat1,dat2
      sele a
      use olddata inde old
      sele b
      use temp inde tempdate
      sele d
      use percent
      sele e
      use manpower inde manpower
      sele f
      use namedept inde namedept
      da=spac(9)
      set colo to gr+/r+,gr+/b+
      @16,57 clea to 18,77
      @16,57 to 18,77
      @17,58 say "Elapsed Time 0::00"
      @5,57 clea to 13,77
      @5,57 to 13,77
      @6,60 say "Cal.of O.T"
      @8,58 to 8,76
      @10,58 say "For Month"get da
      read
      if upper(da)="APRIL"
      dat1="01/04/93"
      dat2="30/04/93"
      endi
      @6,58 clea to 12,76
      star=val(left(time(),2))*3600+val(substr(time(),4,2))*60+va
      l(right(time(),2))
      dat3=ctod(dat1)
      dat4=ctod(dat2)
      sele e
      go top
      stor
      m1,m2,m3,m4,m5,m6,m7,m8,m9,m10,m11,m12,m13,m14,m15,m16,m17,;
      m18,m19,m20,m21,m22
      do while dat3<=dat4
      seek dat3
      m1=m1+mp1
      m2=m2+mp2
      m3=m3+mp3
      m4=m4+mp4
      m5=m5+mp5
      m6=m6+mp6
      m7=m7+mp7
      m8=m8+mp8
      m9=m9+mp9
      m10=m10+mp10
      m11=m11+mp11
      m12=m12+mp12
      m13=m13+mp13
      m14=m14+mp14
      m15=m15+mp15
      m16=m16+mp16

```

```

m17=m17+mp17
m18=m18+mp18
m19=m19+mp19
m20=m20+mp20
m21=m21+mp21
m22=m22+mp22
dat3=dat3+1
go top
loop
endd
sele a
go top
dep=1
dat3=ctod(dat1)
dat4=ctod(dat2)
tot=0
do while .not. eof()
@6,58 clea to 12,76
seek dep
if .not. found()
do case
case dep>22
set colo to
exit
case dep<=22
dep=dep+1
go top
loop
endc
else
@6,58 clea to 12,76
@6,58 say "Transfer of records"
@7,58 say "From OLDDATA.DBF"
@8,58 say "To TEMP.DBF"
@9,58 say "For Deptt. "+ltrim(str(depttcode))
@11,58 say "Records Entered "
re=1
do while depttcode=dep
IF OT_DATE<=DAT4
sele b
appe blank
repl en with a->empno,od with a->ot_date,dc with a->depttcode,;
oh with a->othours
@12,65 say ltrim(str(re))
re=re+1
sele a
skip 1
loop
ELSE
SKIP 1
LOOP
ENDI
endd
endi
sele a
go top
fin=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val
(right(time(),2))
fin1=mod((fin-star),60)
fin2=int((fin-star)/60)
@17,58 say "Elapsed Time "+ltrim(str(fin2))+": "+ltrim(str(fin1))

```

```

@6,58 clea to 12,76
@9,58 say "Reindexing"
@11,58 say "TEMP.DBF"
sele b
rein
@6,58 clea to 12,76
sele b
go top
dat3=ctod(dat1)
dat4=ctod(dat2)
tot=0
do while .not.eof() .and. dat3<=dat4
@9,58 say "Cal. O.T for"
seek dat3
if .not. found()
do case
case dat3>dat4
exit
otherwise
dat3=dat3+1
go top
loop
endc
else
@11,58 say "Date "+dtoc(dat3)
do while od=dat3
tot=tot+oh
skip 1
loop
endd
dat3=dat3+1
loop
endi
endd
@6,58 clea to 12,76
@7,58 say "Appending"
@11,58 say "to PERCENT.DBF"
sele d
appe blan
repl dcode with dep,tothrs with tot
do case
case dep=1
repl mpow with m1
case dep=2
repl mpow with m2
case dep=3
repl mpow with m3
case dep=4
repl mpow with m4
case dep=5
repl mpow with m5
case dep=6
repl mpow with m6
case dep=7
repl mpow with m7
case dep=8
repl mpow with m8
case dep=9
repl mpow with m9
case dep=10
repl mpow with m10

```



```

case dep=11
repl mpow with m11
case dep=12
repl mpow with m12
case dep=13
repl mpow with m13
case dep=14
repl mpow with m14
case dep=15
repl mpow with m15
case dep=16
repl mpow with m16
case dep=17
repl mpow with m17
case dep=18
repl mpow with m18
case dep=19
repl mpow with m19
case dep=20
repl mpow with m20
case dep=21
repl mpow with m21
case dep=22
repl mpow with m22
@6,58 clea to 12,76
@7,58 say "Deleting"
@9,58 say "Records from"
@11,58 say "TEMP.DBF"
endc
sele b
zap
sele a
go top
dep=dep+1
loop
endd
set colo to gr+/r+
@6,58 clea to 12,76
@9,58 say "PRINTING."
dat3=ctod(dat1)
dat4=ctod(dat2)
set devi to prin
@prow()+5,7 say chr(14)+"EXTRA WORK REPORT"
@prow()+1,7 SAY chr(14)+"FOR MONTH "+ltrim(upper(da))+"`93"+chr(20)
@prow()+3,7 SAY "|" + repli("=",71) + "|"
@prow()+1,7 SAY "|"
@prow(),8 say "DEPT NO"
@prow(),15 say "|"
@prow(),16 say "DEPARTMENT NAME"
@prow(),40 say "|"
@prow(),41 say "NORMAL HRS"
@prow(),52 say "|"
@prow(),53 say "ACTUAL HRS"
@prow(),64 say "|"
@prow(),65 say "%AGE OVERTIME"
@prow(),79 say "|"
@prow()+1,7 say "|" + repli("=",71) + "|"
sele d
go top
tot=0
tot1=0

```

```

do while .not. eof()
dno=dcode
sele f
seek dno
stor namedep to name
sele d
@prow()+1,7 say "|"
@prow(),10 say ltrim(str(dcode))
@prow(),15 say "|"
@prow(),18 say ltrim(upper(name))
@prow(),40 say "|"
@prow(),43 say ltrim(str(mpow*6.5,7,2))
tot=tot+(mpow*6.5)
@prow(),52 say "|"
@prow(),56 say ltrim(str(tothrs,8,2))
tot1=tot1+tothrs
@prow(),64 say "|"
@prow(),70 say ltrim(str((tothrs/(mpow*6.5)*100),8,2))
@prow(),79 say "|"
@prow()+1,7 say "|" + repli("-",71) + "|"
skip 1
loop
endd
@prow()+1,7 say "|" + repli("=",71) + "|"
@prow()+1,7 say "|"
@prow(),15 say "|"
@prow(),18 say "TOTALS"
@prow(),40 say "|"
@prow(),43 say ltrim(str(tot,10,2))
@prow(),52 say "|"
@prow(),56 say ltrim(str(tot1,8,2))
@prow(),64 say "|"
@prow(),70 say ltrim(str(((tot1/tot)*100),6,2))
@prow(),79 say "|"
@prow()+1,7 say "|" + repli("=",71) + "|"
set device to screen
sele d
zap
close all
clea all
set colo to gr+/gr+
@ 5,57 clea to 21,77
retu

```

```

*=====*
*              (TRANSFER.PRGM)              *
* THIS PROGRAM IS USED FOR TRANSFERING DATA TO THREE *
* DIFFERENT FILES NAMELY STAFF, TEMPORARY AND *
* PERMANENT. FROM THE DATA FILE WHICH IS USED IN THE *
* ENTRY MODULE. THIS IS TO BE DONE ON DAILY BASIS. *
*=====*

        set talk off
set stat off
set echo off
set scor off
set safe off
set date brit
sele a
use recdata inde recdata
sele b
use overtemp
sele c
use overperm
sele d
use overstaf
sele a
go top
set colo to gr+/w+
@10,25 clea to 15,50
@11,26 say "Transfer of records"
@12,26 say "from recdata.dbf "
@14,26 say "records entered"
re = 1
do while .not. eof()
do case
    case empnoa>0 .and. empnoa<2000
        sele c
        append blank
        repl empno with a->empnoa
        repl depttcode with a->depttcodea
        repl ot_date with a->ot_datea
        repl othours with a->othoursa
        case empnoa >2000 .and. empnoa<4000
            sele d
            append blank
            repl empno with a->empnoa
            repl depttcode with a->depttcodea
            repl ot_date with a->ot_datea
            repl othours with a->othoursa
            case empnoa >4000 .and. empnoa<9999
                sele b
                append blank
                repl empno with a->empnoa
                repl depttcode with a->depttcodea
                repl ot_date with a->ot_datea
                repl othours with a->othoursa
        endc
    @ 14,46 say ltrim(str(re))
    re=re+1
    sele a
    skip 1
loop
endd
set colo to

```

clos all
clea all
clea
retu


```

*=====*
*                               (MENUOT.PRG)                               *
*                               *                                           *
*                               *                                           *
*                               *                                           *
*                               *                                           *
*=====*

```

```

set talk off
set echo off
set stat off
set scor off
set date brit
set colo to gr+/b+
@ 10,50 clea to 17,73
@ 11,51 say "This Module is to be"
@ 12,51 say "used at the end of "
@ 13,51 say "Month , to transfer"
@ 14,51 say "the Data for the month"
@ 15,51 say "for all employees"
@ 16,51 say "Press any Key..."
set colo to gr+/gr+
wait""
use olddata
appe from overperm
appe from overstaf
appe from overtemp
clos all
clea all
clea
set colo to
clea
retu

```

INCOME TAX MODULE

PROGRAM
LISTINGS


```

*=====*
*              ( MENU .PRG )              *
*  THIS PROGRAM GIVES THE MAIN MENU FOR THE INCOME TAX  *
*              MODULE                          *
*=====*
set talk off
set echo off
set stat off
set safe off
set scor off
set proc to pro
choi="1"
do while choi#"0"
set colo to gr+/g+,g+/r+
@ 0,0 clea to 23,78
@ 0,0 to 23,78
@ 4,25 clea to 22,55
@ 1,1 say "INCOME TAX MODULE "
@ 1,50 SAY "NESTLE' INDIA LIMITED"
@ 3,35 SAY "MAIN MENU"
@ 4,25 to 22,55
@ 5,26 say "1. Appending information"
@ 6,26 say "    from .txt file to tax.dbf"
@ 7,26 say "2. Giving the specification"
@ 8,26 say "    for Income tax this year"
@ 9,26 say "3. Calculation of Income tax"
@ 10,26 say "4. Calculation for FORM16"
@ 11,26 say "    (staff)"
@ 12,26 say "5. Calculation for FORM16"
@ 13,26 say "    (permanent)"
@ 14,26 say "6. Generation of FORM16"
@ 15,26 say "    (staff)"
@ 16,26 say "7. Generation of FORM16"
@ 17,26 say "    (permanent)"
@ 18,26 SAY "0. Exit "
choi="0"
@ 21,34 say "Enter choice = " get choi
read
do case
case choi="1"
do tax2
case choi="2"
do itaxentr
loop
case choi="3"
do submenu
loop
case choi="4"
do cal2
loop
case choi="5"
do cal1
loop
case choi="6"
do forms
loop
case choi="7"
do form16
loop
case choi="0"
set colo to

```

```
      clos all
      clea all
      clea
      clos proc
      exit
endc
endd
retu
*=====*
```



```

*=====*
*              ( ITAXENTR.PRG )              *
* THIS PROGRAM IS USED FOR GIVING THE SPECIFICATIONS WHICH *
* ARE SPECIFIED BY THE GOVT. OF INDIA AT THE BEGINING OF *
* THE YEAR . THIS MODULE IS TO BE USED FOR ONLY ONE TIME *
* ENTRY DURING THE WHOLE YEAR *
* THIS PROGRAM IS CALLED FROM MAIN MENU *
* BY PRESSING OPTION 2. *
*=====*
set talk off
set stat off
set echo off
set scor off
set safe off
set date brit
*-----*
* REMOVING THE EARLIER RECORDS BY DELETING ALL THE RECORDS *
use itspec
zap
*-----*
*-----*
* APPENDING NEW INFORMATION FOR CURRENT YEAR *
* IN FILE ITSPEC.DBF *
appe blan
set colo to gr+/gr+,gr+/r+
@ 0,0 clea to 22,79
@ 0,0 to 22,79
@ 1,15 say "One Time Entry Module for Income Tax Calculation"
@ 2,1 to 2,78
stanm=0
stanf=0
@ 3,5 say "STANDARD DEDUCTION ENTRY"
@ 5,5 say "For MALES : " get stanm pict "999999"
read
repl sexm with "M"
repl standedm with stanm
@ 7,5 say "For FEMALES : " get stanf pict "999999"
read
repl sexf with "F"
repl standedf with stanf
@ 8,1 to 8,38
slab1=0
per1=0
slab2=0
per2=0
slab3=0
per3=0
per4=0
@ 9,5 say "SLAB RATES ENTRY "
@ 10,5 say " RATE "
@ 10,25 say "(%age)"
@ 11,1 to 11,38
@ 03,39 to 21,39
@ 12,5 say "0 to "get slab1 pict "999999"
@ 12,25 get per1 pict "99"
read
@ 12,5 clea to 13,38
@ 12,5 say "0 to " +ltrim(str(slab1))
@ 12,25 say ltrim(str(per1))
repl slabrate1 with slab1

```

```

repl percent1 with per1
@ 13,5 say ltrim(str(slab1)) + " to " get slab2 pict "999999"
@ 13,25 get per2 pict "99"
read
@ 13,5 clea to 14,38
@ 13,5 say ltrim(str(slab1)) + " to " + ltrim(str(slab2))
@ 13,25 say ltrim(str(per2))
repl slabrate2 with slab2
repl percent2 with per2
@ 14,5 say ltrim(str(slab2)) + " to " get slab3 pict "999999"
.PA
@ 14,25 get per3 pict "99"
read
@ 14,5 clea to 15,38
@ 14,5 say ltrim(str(slab2)) + " to " + ltrim(str(slab3))
@ 14,25 say ltrim(str(per3))
repl slabrate3 with slab3
repl percent3 with per3
@ 15,5 say "ABOVE " + ltrim(str(slab3))
@ 15,25 get per4 pict "99"
sur=0
@ 16,05 say "Sur.charge " get sur pict "99"
read
@ 15,5 clea to 16,38
@ 15,5 say "Above " + ltrim(str(slab3))
@ 15,25 say ltrim(str(per4)) + " " + ltrim(str(sur))
repl percent4 with per4
repl surcharg4 with sur
qa=0
per=0
@ 3,40 say "Qualifying Amount Entry"
@ 4,40 to 4,78
@ 6,45 say "QUALIFYING AMOUNT : " get qa pict "999999"
read
@ 6,45 clea to 8,75
@ 6,45 say "Qualifying Amount : " + ltrim(str(qa))
@ 8,45 say "PERCENTAGE : " get per pict "99"
read
@ 8,45 clea to 10,75
@ 8,45 say "Percentage : " + ltrim(str(per))
repl qualifyamt with qa
repl percent with per
@ 20,45 say "Thank You ! Done "
@ 21,45 say "Press any key ..."
wait""
set colo to
clos all
clea all
clea
retu
*-----*
*=====*
```

```

*=====*
*              ( SUBMENU.PRG )              *
* THIS PROGRAM CAN BE CALLED FROM THE MAIN MENU BY      *
* PRESSING OPTION 3. IT GENERATES A SUBMENU WHICH CAN  *
* CALL THE PROGRAM USED FOR TWO DIFFERENT CATEGORIES   *
* (1). STAFF      (2). PERMANENT                     *
*=====*

set proc to pro * -- PROCEDURE FILE PRO.PRG CALLED -- *
ch2=.t.          * -- IT CONTAINS PROCEDURE SUBMENU1 --*
do while ch2     * -- USED FOR STAFF EMPLOYEES      --*
set colo to gr+/g+,g+/r+
@ 10,50 clea to 20,70
@ 10,50 to 20,70
@ 11,57 say "SUBMENU"
@ 12,51 to 12,69
@ 13,51 say "1. Permanant "
@ 14,51 say "   Workers  "
@ 16,51 say "2. Staff    "
@ 18,51 say "0. Exit     "
ask=" "
@ 19,55 say "Enter choice "get ask
read
do case
  case ask = "1"
    do submenu2
    loop
  case ask = "2"
    do submenu1
    loop
  case ask = "0"
    ch2=.f.
    set colo to gr+/g+
    *      @ 10,50 clea to 20,70
    set colo to
    exit
endc
endd
retu
*=====*

```

```

*=====*
*              ( CALCUL1.PRG )              *
* THIS PROGRAM IS TO BE USED, IF THE DATA CANNOT BE      *
* DOWNLOADED FROM THE MAIN FRAME. THIS IS THE ENTRY      *
* MODULE FOR EARNINGS AND DEDUCTIONS IN CASE OF STAFF     *
* EMPLOYEES.                                              *
* THIS PROGRAM CAN BE CALLED BY USING THE OPTION 1.       *
* IN THE SUBMENU 1.                                       *
*=====*

```

```

set colo to
clea
set colo to g+/g+
publ se
sele a
use itstaf inde itstaf * -- DATA FILE USED ITSTAF.DBF --*
CH=.t.
do while ch
@ 0,0 clea to 16,79
@ 0,0 to 16,79
set colo to bg+/g+
@ 0,30 say "INCOME TAX ENTRY MODULE"
@ 1,70 SAY "STAFF"
set colo to g+/g+,g+/r+
tot=0
code=0
@ 1,5 say "Emp. Code = " get code pict "9999"
read

se=" "
@ 1,30 say "Sex (M/F) " get se
read
go bott
@ 2,60 say "LAST RECORD " +LTRIM(STR(emp_no))
if code =0
set colo to
clos all
clea all
clea
exit
endi
en=spac(25)
totpw=0
totha=0
totna=0
totof=0
totlv=0
totmi=0
toted=0
totother=0
@ 1,5 clea to 2,40
@ 1,5 say "Emp. Code = " + ltrim(str(CODE))
@ 2,5 say "Emp name = " get en
read
@ 2,15 say ltrim(en)
@ 3,1 to 3,78
@ 4,5 say "Total Earnings "
@ 4,55 say "Total Deductions"
@ 5,1 to 5,78
@ 6,39 to 13,39
@ 6,30 to 13,30

```



```

@ 6,70 to 13,70
chl=.t.
do while chl
@ 6,5 say "Basic+DA+VDA "
@ 6,31 get totpw pict "999999"
read
@ 6,31 clea to 14,38
@ 6,31 say ltrim(str(totpw))
@ 07,5 say "HRA"
@ 07,31 get totha pict "999999"
read
@ 7,31 clea to 14,38
@ 07,31 say ltrim(str(totha))
@ 08,5 say "Night shift allw."
@ 08,31 get totna pict "999999"
read
@ 8,31 clea to 14,38
@ 08,31 say ltrim(str(totna))
@ 09,5 say "Outfit Allw."
@ 09,31 get totof pict "999999"
read
@ 9,31 clea to 14,38
@ 09,31 say ltrim(str(totof))
@ 10,5 say "Leave+NF Wages "
@ 10,31 get totlv pict "999999"
read
@ 10,31 clea to 14,38
@ 10,31 say ltrim(str(totlv))
@ 11,5 say "Education Allw. "
@ 11,31 get totd pict "999999"
read
@ 11,31 clea to 14,38
@ 11,31 say ltrim(str(totd))
@ 12,5 say "Personal Pay "
@ 12,31 get totmi pict "999999"
read
@ 12,31 clea to 14,38
@ 12,31 say ltrim(str(totmi))
@ 13,5 say " OT + Others "
@ 13,31 get totother pict "999999"
read
@ 13,31 clea to 14,38
@ 13,31 say ltrim(str(totother))
@ 14,1 to 14,78
totc=0
totl=0
toti=0
totf=0
totp=0
@ 6,45 say "PF "
@ 6,71 get totp pict "999999"
read
@ 6,71 clea to 14,78
@ 6,71 say ltrim(str(totp))
@ 7,45 say "FPF"
@ 7,71 get totf pict "999999"
read
@ 7,71 clea to 14,78
@ 7,71 say ltrim(str(totf))
@ 8,45 say "INCOME TAX "
@ 8,71 get toti pict "999999"

```

```

read
@ 8,71 clea to 14,78
@ 8,71 say ltrim(str(toti))
@ 9,45 say "L.I.C"
@ 9,71 get totl pict "999999"
read
@ 9,71 clea to 14,78
@ 9,71 say ltrim(str(totl))
@ 10,45 say "C.T.D"
@ 10,71 get totc pict "999999"
read
@ 10,71 clea to 14,78
think=" "
@ 10,71 say ltrim(str(totc))
@ 15,20 say "Entries Correct (Y/N) " get think
read
if upper(think)="N"
    loop
    @ 6,31 clea to 14,38
    @ 6,71 clea to 14,78
else
    chl=.f.
    set colo to rb+/b+
    @ 11,45 clea to 13,52
    @ 12,46 say "Wait.."
    sele a
    appe blan
    repl emp_no with code
    repl empname with en
    repl totpfwages with totpw
    repl tothra with totha
    repl totnsa with totna
    repl totoutfit with totof
    repl totlvwages with totlv
    repl toteducall with toted
    repl totmiscar with totmi
    repl totothers with totother
    repl totpf with totp
    repl totfpf with totf
    repl totitax with toti
    repl totlic with totl
    repl totctdep with totc
    set colo to g+/g+,g+/r+
    @ 11,45 clea to 13,52
endi
endd
thin=" "
@ 15,20 say "Another Record (Y/N) " get thin
read
do case
    case upper(thin)="Y"
        loop
    case upper(thin)="N"
        chl=.f.
        sele a
        inde on emp_no to itstaf
        set colo to
        clos all
        clea all
        clea
        exit

```

endc
endd
retu

=====

```

=====
*                                     ( STAENTRY.PRG )                                     *
* THIS PROGRAM IS USED AS A ENTRY MODULE FOR DEDUCTIONS                               *
* SPECIFIED BY THE STAFF EMPLOYEES WHICH ARE NOT CORPORATED                         *
* BY THE MAIN FRAME.                                                                *
* THIS PROGRAM CAN BE CALLED BY USING THE OPTION 2.                                *
* IN SUBMENU1.                                                                      *
=====

```

```

SET talk off
set echo off
set stat off
set scor off
set date brit
use itstaf inde itstaf
SET COLO TO GR+/RB+
@0,0 CLEA TO 23,79
@ 1,20 SAY "INCOME TAX ENTRY MODULE FOR DEDUCTIONS      STAFF"
code=0
ch=.t.
SET COLO TO BG+/B+,GR+/G+
@ 3,1 SAY "ENTER EMP. CODE " GET CODE PICT "9999"
READ
do while ch
SET COLO TO GR+/RB+
@ 2,1 CLEA TO 3,20
@ 3,25 say "Enter Emp. code " +ltrim(str(code))
SET COLO TO GR+/RB+
@ 2,20 CLEA TO 3,60
SET COLO TO BG+/B+,GR+/G+
seek code
if .not. found()
code=code+1
go top
loop
else
@ 5,25 CLEA TO 19,65
@ 5,25 TO 19,65
CH1 = .T.
DO WHILE CH1
stor 0 to nsc,ns,ulip,int,ppf,li,oth,ot,hrat
@ 03,30 say "Employee number "+ltrim(str(code))
*@ 06,50 say "O.T+Others"
*@ 08,50 get ot pict "999999"
*@ 10,50 say "HRA PER MONTH"
*@ 12,50 get hrat pict "999999"
@ 06,30 say "NSC      " get nsc pict "999999"
@ 08,30 say "ULIP      "get ulip pict "999999"
@ 10,30 say "INT NSC"get int pict "999999"
@ 12,30 say "PPF      "get ppf pict "999999"
@ 14,30 say "LIC      "get li pict "999999"
@ 16,30 say "NSS      "get ns pict "999999"
@ 18,30 say "OTHERS   "get oth pict "999999"
read
YESNO = " "
@ 21,25 say "Entries correct (Y/N)" get yesno
read
do case
case upper(yesno)="N"
loop

```



```

case upper(yesno)="Y"
    repl tyofsche1 with "NSC"
    repl amount1 with nsc
    repl tyofsche2 with "ULIP"
    repl amount2 with ulip
    repl tyofsche3 with "INT NSC"
    repl amount3 with int
    repl tyofsche4 with "PPF"
    repl amount4 with ppf
    repl tyofsche5 with "LIC"
    repl amount5 with li
    repl tyofsche6 with "NSS"
    repl amount6 with ns
    repl tyofsche7 with "OTHERS"
    repl amount7 with oth
*    repl dechra with hrat
*    repl totothers with ot
    CH1 = .F.
endcase
ENDDO
YN = " "
@21,25 say "Another record ? y/n (n) for exit" get yn
read
DO CASE
CASE UPPER(YN) = "Y"
SET COLO TO gr+/rb+
@ 21,20 CLEA TO 23,60
code=code+1
LOOP
CASE UPPER(YN) = "N"
SET COLO TO
CLOSE ALL
CLEA ALL
CLEA
EXIT
ENDCASE
ENDDO
RETURN
*=====*
```

```

*-----*
*          ( CALCUL2.PRG )          *
* THIS IS A USER FRIENDLY PROGRAM USED FOR CALCULATING *
* INCOME TAX FOR STAFF EMPLOYEES ON THE SCREEN. THIS *
* PROGRAM CAN BE CALLED BY USING THE OPTION 3. IN *
* SUBMENU1. *
*-----*
set colo to g+/g+
publ se
* -- DATA FILES USED ITSTAF.DBF AND ITSPEC.DBF -- *
sele a
use itstaf inde itstaf
sele b
use itspec
* ----- *
sele a
CH=.t.
do while ch
@ 0,0 clea to 23,79
@ 0,0 to 23,79
set colo to bg+/g+
@ 0,30 say "INCOME TAX CALCULATION "
@ 1,70 say "STAFF"
set colo to g+/g+,g+/r+
tot=0
code=0
@ 1,5 say "Emp. Code = " get code pict "9999"
read
se=" "
@ 1,30 say "Sex (M/F) " get se
@ 2,30 say "Use CAPITAL letters only"
read
@ 1,5 clea to 2,65
seek code * -- LOCATING FOR CODE NO. SPECIFIED ABOVE -- *
if .not. found()
@20,40 say "Not found...."
@21,40 say "Press any Key"
wait""
set colo to
clos all
clea all
clea
ch=.f.
exit
else
* ----- SPECIFIED CODE IS FOUND ----- *
@1,5 say "Emp. Code = " + ltrim(str(emp_no))
@2,5 say "Emp name = " + ltrim(empname)
@3,1 to 3,78
@4,5 say "Total Earnings "
@4,55 say "Total Deductions"
@5,1 to 5,78
@6,39 to 22,39
@6,30 to 22,30
@6,70 to 22,70
@6,5 say "Basic+DA+VDA "
@6,31 say ltrim(str(totpfwages))
@7,5 say "HRA"
@7,31 say ltrim(str(tothra))
@8,5 say "Night shift allw."
@8,31 say ltrim(str(totnsa))

```

```

@9,5 say "Outfit Allw."
@9,31 say ltrim(str(totoutfit))
@10,5 say "Leave+NF Wages "
@10,31 say Ltrim(str(totlvwages))
@11,5 say "Education Allw. "
@11,31 say ltrim(str(toteducall))
@12,5 say "Personal Pay "
@12,31 say ltrim(str(totmiscar))
@13,31 clea to 14,38
@13,5 say "OT + others"
@13,31 say ltrim(str(totothers))
@14,1 to 14,38
@15,5 say "TOTAL "
tot=totpfwages+tothra+totnsa+toutfit+totlvwages+toteducall+t
otmiscar+totothers
@15,31 say ltrim(str(tot))
chil=0
if rebateduca =0
@16,5 say "How many children study "
@16,31 get chil pict "9" range 0,2
read
do case
case chil=0
at=0
case chil=1
at=600
case chil=2
at=1200
endc
@16,5 say "Rebate on Education "
@16,31 say ltrim(str(at))
*repl rebateduca with at
else
at=rebateduca
@16,5 say "Rebate on Education "
@16,31 say ltrim(str(at))
endi
set colo to rb+/b+
@17,45 clea to 20,69
dh1=0
dh1=((tothra+(0.1*totpfwages))/12)+10
@17,45 say "To exempt the Amount of"
@18,45 say "HRA paid by the company"
@19,45 say "Employee should give "
@20,45 say "the slip for Rs. " + ltrim(str(dh1))
set colo to g+/g+,g+/r+
hratot=0
hrat=0
IF REBATEHRA=0
if dechra=0
@17,3 say "Declare your HRA per month"
@17,31 get hrat pict "9999"
read
else
@17,3 say "Declared HRA per month is"
@17,31 say ltrim(str(dechra))
hrat=dechra
endi
hratot=(hrat*12)-(0.1 * totpfwages)
*repl dechra with hrat
if hratot<0

```

```

hratot=0
endi
@17,3 clea to 19,29
@17,31 clea to 19,38
@17,45 clea to 20,69
tot1=0
tot2=0
tot3=0
ded=0
do case
case hratot>tothra
@ 17,5 say "Allowed Rebate on HRA"
@ 17,31 say ltrim(str(tothra))
ded=tothra
@ 18,5 say "Total "
tot1=tot-at-tothra
@ 18,31 say ltrim(str(tot1))
case hratot<tothra
@ 17,5 say "Allowed rebate on HRA"
@ 17,31 say ltrim(str(hratot))
ded=hratot
@ 18,5 say "Total "
tot1=tot-at-hratot
@ 18,31 say ltrim(str(tot-at-hratot))
ENDC
*repl rebatehra with ded
ELSE
@ 17,5 SAY "Allowed rebate on HRA"
@ 17,31 SAY LTRIM(STR(REBATEHRA))
@ 18,5 SAY "TOTAL "
@ 18,31 SAY LTRIM(STR(TOT-AT-REBATEHRA))
TOT1=(TOT-AT-REBATEHRA)
* -- SUBTRACTING EDUCATION & HRA REBATES -- *
ENDI
do case
case upper(se)=b->sexm
@ 19,5 say "Standard Deduction "
tot2=b->standedm
@ 19,31 say ltrim(str(b->standedm))
@ 20,5 say "Taxable salary "
tot3=(tot1-tot2)
@ 20,31 say ltrim(str(tot3))
case upper(se)=b->sexf
@ 19,5 say "Standard Deduction "
tot2=b->standedf
@ 19,31 say ltrim(str(tot2))
@ 20,5 say "Taxable Salary "
tot3=(tot1-tot2) * -- TAXABLE SALARY --*
@ 20,31 say ltrim(str(tot3))
ENDC
itax=0
tot4=0
tot5=0
tot6=0
do case
case tot3<=b->slabrate1
itax=0
case tot3>b->slabrate1 .and. tot3<=b->slabrate2
tot4=tot3 - b->slabrate1
itax=(tot4 * b->percent2)/100
case tot3>b->slabrate2 .and. tot3<=b->slabrate3

```



```

        tot4=tot3-b->slabrate2
        tot5=(b->slabrate2-b->slabrate1)*(b->percent2/100)
        itax=tot5+((tot4*b->percent3)/100)
    case tot3>b->slabrate3
        tot4 = tot3-b->slabrate3
        tot5 = (b->slabrate2-b->slabrate1)*(b->percent2/100)
        tot6 = (b->slabrate3-b->slabrate2)*(b->percent3/100)
        tot7 = (tot5+tot6)*(b->surcharg4/100)
        itax= tot5+tot6+tot7+((tot4*percent4)/100)
    endc
    * -- INCOME TAX ON TAXABLE SALARY IS CALCULATED -- *
    @ 21,5 say "Income tax "
    @ 21,31 say ltrim(str(itax))
    @ 6,45 clea to 22,78
    if itax<=0
        *repl incometax with itax
    endi
    if itax>0
        do zoom * -- ALL THREE PROCEDURES ARE CALLED FROM PRO.PRG --*
        do zoom2
        do deduc
        op=" "
        @ 23,20 say "Output to printer"get op
        read
        do case
        case op="Y".or. op="y"
            @ 23,20 say "Get your printer ready & press any key.."
            wait""
            do pro1 * -- PRINTS THE REPORT FOR THAT EMPLOYEE --*
        ENDC
        endi
        ent=" "
        @ 23,20 say "Another employee record (Y/N) , (N) for exit
    "get ent
        read
        do case
        case upper(ent)="Y"
            loop
        case upper(ent)="N"
            set devi to scree
            clos all
            set colo to
            clea all
            clea
            exit
        endc
    endi
endd
retu
*=====

```

```

*=====*
*              ( CAL.PRG )              *
* THIS PROGRAM CALCULATES INCOME TAX FOR ALL THE *
* EMPLOYEES OFF THE SCREEN AND REPLACES IN THE *
* DATA FILE ITSTAF.DBF *
* THIS PROGRAM CAN BE CALLED BY USING OPTION 4. *
* IN SUBMENU 1. *
*=====*

```

```

ent = " "
set colo to bg+/b+
@ 4,57 clea to 9,77
@ 4,57 to 9,77
@ 5,58 say "Before Running this "
@ 6,58 say "module . Have you "
@ 7,58 say "completed entries"
@ 8,65 get ent
read
if upper(ent)="N"
clos all
clea all
set colo to
clea
retu
endi
sele a
use itstaf inde itstaf
sele b
use itspec
sele a
CH=.t.
code=3001
ree=1
@ 5,58 clea to 8,76
@ 5,58 say "calculation in"
@ 6,58 say "progress...."
@ 7,58 say "Rec. entered "
do while ch
@ 8,65 say ltrim(str(ree))
tot=0
seek code
if .not. found()
*@ 20,40 say "Wait..."
code=code+1
if code>3900
set colo to
ch=.f.
clos all
clea all
clea
else
go top
loop
endi
else
* -- CALCULATING TOTAL PAY -- *
tot=totpfwages+tothra+totnsa+totoutfit+totlvwages+toteducall+t
otmiscear+totothers
hratot=0
ded=0
* -- CALCULATING HRA REBATE -- *

```

```

if dechra=0
ded=0
else
    hratot=((dechra*12)-(0.1*totpfwages))
    do case
        case hratot>tothra
            ded=tothra
        case hratot<=tothra
            ded=hratot
    endc
endc
* -----*
repl rebatehra with ded
* -- DEDUCTING EDUCATION AND HRA REBATE FROM TOTAL -- *
tot1=(tot-rebateduca-rebatehra)
se="m"
* -- DEDUCTING STAND.DEDUCTIONS FROM ABOVE TOTAL -- *
do case
    case upper(se)=b->sexm
        tot2=b->standedm
    case upper(se)=b->sexf
        tot2=b->standedf
    tot3=(tot1-tot2)
endc
* ----- *
itax=0
tot4=0
tot5=0
tot6=0
do case
    * -- CALCULATING INCOME TAX ON TAXABLE SALARY -- *
    case tot3<=b->slabrate1
        itax=0
    case tot3>b->slabrate1 .and. tot3<=b->slabrate2
        tot4=tot3 - b->slabrate1
        itax=(tot4 * b->percent2)/100
    case tot3>b->slabrate2 .and. tot3<=b->slabrate3
        tot4=tot3-b->slabrate2
        tot5=(b->slabrate2-b->slabrate1)*(b->percent2/100)
        itax=tot5+((tot4*b->percent3)/100)
    case tot3>b->slabrate3
        tot4 = tot3-b->slabrate3
        tot5 = (b->slabrate2-b->slabrate1)*(b->percent2/100)
        tot6 = (b->slabrate3-b->slabrate2)*(b->percent3/100)
        tot7 = (tot5+tot6)*(b->surcharg4/100)
        itax= tot5+tot6+tot7+((tot4*percent4)/100)
    endc
* ----- *
if itax<=0
    itax=0
repl incometax with itax
else
    gro=0
    gro1=0
    gro2=0
    gro3=0
    gro4=0
* -- CALCULATING ACCUMULATED DEDUCTIONS -- *
gro=(totpf+totfpf+totlic+totctdep+amount1+amount2+amount3+amou
nt4+amount5+amount6+amount7)

```

```

* ----- *
  gro1=(gro * 0.2)
  gro2=(itax-gro1)
  repl pitax1 with gro1
  repl pitax2 with gro2
endi
if code>3900
ch=.f.
SET COLO TO
sele a
rein
clos all
clea all
clea
exit
else
code=code+1
ree=ree+1
loop
endi
endd
retu
*=====*
```



```

*=====*
*              (UPINCOM.PRGM)              *
* THIS PROGRAM IS USED AS A UPDATION MODULE IF ANY *
* ENTRY HAS BEEN WRONGLY ENTERED FOR STAFF. *
* THIS CAN BE CALLED BY USING THE OPTION 5. ON SUBMENU 1. *
*=====*

```

```

set colo to
clea
set colo to g+/g+
publ se
sele a
use itstaf inde itstaf
inde on emp_no to itstaf
sele a
CH=.t.
do while ch
@ 0,0 clea to 16,79
@ 0,0 to 16,79
set colo to bg+/g+
@ 0,30 say "INCOME TAX UPDATION MODULE"
@ 1,70 SAY "STAFF"
set colo to g+/g+,g+/r+
tot=0
code=0
@ 1,5 say "Emp. Code = " get code pict "9999"
read

se=" "
@ 1,30 say "Sex (M/F) " get se
read
go bott
@ 2,60 say "LAST RECORD " +LTRIM(STR(emp_no))
if code =0
set colo to
clos all
clea all
clea
exit
endi
seek code
if .not. found()
@ 20,20 say "Not Found..."
exit
endi
@ 1,5 clea to 2,40
@ 1,5 say "Emp. Code = " + ltrim(str(CODE))
@ 2,5 say "Emp name = "
@ 2,15 say ltrim(EMPNAME)
@ 3,1 to 3,78
@ 4,5 say "Total Earnings "
@ 4,55 say "Total Deductions"
@ 5,1 to 5,78
@ 6,39 to 13,39
@ 6,30 to 13,30
@ 6,70 to 13,70
@ 6,5 say "Basic+DA+VDA "
@ 6,31 say ltrim(str(totpfwages))
@ 07,5 say "HRA"
@ 07,31 say ltrim(str(tothra))
@ 08,5 say "Night shift allw."

```

```

@ 08,31 say ltrim(str(totnsa))
@ 09,5 say "Outfit Allw."
@ 09,31 say ltrim(str(totoutfit))
@ 10,5 say "Leave+NF Wages "
@ 10,31 say Ltrim(str(totlvwages))
@ 11,5 say "Education Allw. "
@ 11,31 say ltrim(str(toteducall))
@ 12,5 say "Personal Pay "
@ 12,31 say ltrim(str(totmiscar))
@ 13,5 say " OT + Others "
@ 13,31 say ltrim(str(totothers))
@ 14,1 to 14,78
@ 10,71 clea to 14,78
subtot=0
subtot=subtot+totpfwages+tothra+totnsa+totothers+toteducall+to
tlvwages+totmiscar+totoutfit
@ 8,45 say "Total Income is "
@ 8,71 say ltrim(str(subtot))
think=" "
@ 15,20 say "Entries Correct (Y/N) " get think
read
if upper(think)="N"
totpw=0
totha=0
totna=0
totof=0
totlv=0
totmi=0
toted=0
totother=0.
@ 6,5 say "Basic+DA+VDA "
@ 6,31 get totpw pict "999999"
read
@ 6,31 clea to 14,38
@ 6,31 say ltrim(str(totpw))
@ 07,5 say "HRA"
@ 07,31 get totha pict "999999"
read
@ 7,31 clea to 14,38
@ 07,31 say ltrim(str(totha))
@ 08,5 say "Night shift allw."
@ 08,31 get totna pict "999999"
read
@ 8,31 clea to 14,38
@ 08,31 say ltrim(str(totna))
@ 09,5 say "Outfit Allw."
@ 09,31 get totof pict "999999"
read
@ 9,31 clea to 14,38
@ 09,31 say ltrim(str(totof))
@ 10,5 say "Leave+NF Wages "
@ 10,31 get totlv pict "999999"
read
@ 10,31 clea to 14,38
@ 10,31 say Ltrim(str(totlv))
@ 11,5 say "Education Allw. "
@ 11,31 get toted pict "999999"
read
@ 11,31 clea to 14,38
@ 11,31 say ltrim(str(toted))
@ 12,5 say "Personal Pay "

```

```

@ 12,31 get totmi pict "999999"
read
@ 12,31 clea to 14,38
@ 12,31 say ltrim(str(totmi))
@ 13,5 say " OT + Others "
@ 13,31 get totother pict "999999"
read
@ 13,31 clea to 14,38
@ 13,31 say ltrim(str(totother))
@ 14,1 to 14,78
subtot=0
  set colo to rb+/b+
  @ 11,45 clea to 13,52
  @ 12,46 say "Wait.."
  sele a
  repl totpfwages with totpw
  repl tothra with totha
  repl totnsa with totna
  repl totoutfit with totof
  repl totlvwages with totlv
  repl toteducall with toted
  repl totmisclear with totmi
  repl totothers with totother
  set colo to g+/g+,g+/r+
  @ 11,45 clea to 13,52
subtot=subtot+totpfwages+tothra+totnsa+totoutfit+totlvwages+totedu
call+totmisclear+toothers
@ 9,45 say "Total income is "
@ 9,71 say ltrim(str(subtot))
endi
thin=" "
@ 15,20 say "Another Record (Y/N) " get thin
read
do case
  case upper(thin)="Y"
  loop
  case upper(thin)="N"
  ch=.f.
  sele a
  inde on emp_no to itstaf
  set colo to
  clos all
  clea all
  clea
  exit
endc
endd
retu
*=====*
```

```

*=====*
*          ( SUBMENU2.PRG )          *
* THIS PROGRAM GENERATES A MENU FOR PERMANENT EMPLOYEES *
* AND CAN BE CALLED BY USING THE OPTION 1.IN SUBMENU. *
*=====*
ask3=.t.
do while ask3
set colo to gr+/g+,gr+/r+
@ 9,60 clea to 22,78
@ 9,60 to 22,78
@ 9,65 say "Permanant"
@ 11,61 say "1. Entry module"
@ 12,61 say "    (Earnings)"
@ 13,61 say "2. Entry module"
@ 14,61 say "    (Deductions)"
@ 15,61 say "3. Cal.of I.T "
@ 16,61 say "    (on screen)"
@ 17,61 say "4. Cal. of I.T"
@ 18,61 say "    (of screen)"
@ 19,61 say "0. Exit      "
ask2=""
@ 21,61 say "Enter choice"get ask2
read
do case
case ask2="1"
do entper
case ask2="2"
do perentry
loop
case ask2="3"
do calcul
case ask2="4"
do calculat
case ask2="0"
ask3=.f.
set colo to
exit
endc
endd
retu
*=====*

```



```

*=====*
*          ( ENTPER.PRG )          *
* THIS PROGRAM IS USED AS A ENTRY MODULE FOR PERMANENT *
* WORKERS IN CASE THE DATA CANNOT BE DOWNLOADED FROM THE *
* MAIN FRAME *
* THIS PROGRAM CAN BE CALLED BY USING OPTION 1. IN *
* SUBMENU2. *
*=====*

```

```

set colo to
clea
set colo to g+/g+
publ se
sele a
use incomtax inde incomtax
CH=.t.
do while ch
@ 0,0 clea to 16,79
@ 0,0 to 16,79
set colo to bg+/g+
@ 0,30 say "INCOME TAX ENTRY MODULE"
@ 1,70 SAY "PERMANENT"
set colo to g+/g+,g+/r+
tot=0
code=0
@ 1,5 say "Emp. Code = " get code pict "9999"
read

```

```

se=" "
@ 1,30 say "Sex (M/F) " get se
read
go bott
@ 2,60 say "LAST RECORD " +LTRIM(STR(emp_no))
if code =0
set colo to
clos all
clea all
clea
exit
endi
en=spac(25)
totpw=0
totha=0
totna=0
totof=0
totlv=0
totmi=0
toted=0
totother=0
@ 1,5 clea to 2,40
@ 1,5 say "Emp. Code = " + ltrim(str(CODE))
@ 2,5 say "Emp name = " get en
read
@ 2,15 say ltrim(en)
@ 3,1 to 3,78
@ 4,5 say "Total Earnings "
@ 4,55 say "Total Deductions"
@ 5,1 to 5,78
@ 6,39 to 13,39
@ 6,30 to 13,30
@ 6,70 to 13,70

```

```

chl=.t.
do while chl
@ 6,5 say "Basic+DA+VDA "
@ 6,31 get totpw pict "999999"
read
@ 6,31 clea to 14,38
@ 6,31 say ltrim(str(totpw))
@ 07,5 say "HRA"
@ 07,31 get totha pict "999999"
read
@ 7,31 clea to 14,38
@ 07,31 say ltrim(str(totha))
@ 08,5 say "Night shift allw."
@ 08,31 get totna pict "999999"
read
@ 8,31 clea to 14,38
@ 08,31 say ltrim(str(totna))
@ 09,5 say "Outfit Allw."
@ 09,31 get totof pict "999999"
read
@ 9,31 clea to 14,38
@ 09,31 say ltrim(str(totof))
@ 10,5 say "Leave+NF Wages "
@ 10,31 get totlv pict "999999"
read
@ 10,31 clea to 14,38
@ 10,31 say Ltrim(str(totlv))
@ 11,5 say "Education Allw. "
@ 11,31 get totd pict "999999"
read
@ 11,31 clea to 14,38
@ 11,31 say ltrim(str(totd))
@ 12,5 say "Personal Pay "
@ 12,31 get totmi pict "999999"
read
@ 12,31 clea to 14,38
@ 12,31 say ltrim(str(totmi))
@ 13,5 say " OT + Others "
@ 13,31 get totother pict "999999"
read
@ 13,31 clea to 14,38
@ 13,31 say ltrim(str(totother))
@ 14,1 to 14,78
totc=0
totl=0
toti=0
totf=0
totp=0
@ 6,45 say "PF "
@ 6,71 get totp pict "999999"
read
@ 6,71 clea to 14,78
@ 6,71 say ltrim(str(totp))
@ 7,45 say "FPF"
@ 7,71 get totf pict "999999"
read
@ 7,71 clea to 14,78
@ 7,71 say ltrim(str(totf))
@ 8,45 say "INCOME TAX "
@ 8,71 get toti pict "999999"
read

```

```

@ 8,71 clea to 14,78
@ 8,71 say ltrim(str(toti))
@ 9,45 say "L.I.C"
@ 9,71 get totl pict "999999"
read
@ 9,71 clea to 14,78
@ 9,71 say ltrim(str(totl))
@ 10,45 say "C.T.D"
@ 10,71 get totc pict "999999"
read
@ 10,71 clea to 14,78
think=" "
@ 10,71 say ltrim(str(totc))
@ 15,20 say "Entries Correct (Y/N) " get think
read
if upper(think)="N"
    loop
        @ 6,31 clea to 14,38
        @ 6,71 clea to 14,78
    else
        chl=.f.
        set colo to rb+/b+
        @ 11,45 clea to 13,52
        @ 12,46 say "Wait.."
        sele a
        appe blan
        repl emp_no with code
        repl empname with en
        repl totpfwages with totpw
        repl tothra with totha
        repl totnsa with totna
        repl totoutfit with totof
        repl totlvwages with totlv
        repl toteducall with toted
        repl totmiscar with totmi
        repl tottothers with tottother
        repl totpf with totp
        repl totfpf with totf
        repl totitax with toti
        repl totlic with totl
        repl totctdep with totc
        set colo to g+/g+,g+/r+
        @ 11,45 clea to 13,52
    endi
endd
thin=" "
@ 15,20 say "Another Record (Y/N) " get thin
read
do case
    case upper(thin)="Y"
        loop
    case upper(thin)="N"
        chl=.f.
        sele a
        inde on emp_no to itstaf
        set colo to
        clos all
        clea all
        clea
        exit
    endc

```

endd
retu

=====


```

=====
* ( PERENTRY.PRG ) *
* THIS PROGRAM IS USED TO SPECIFY DEDUCTIONS DECLARED *
* BY PERMANENT EMPLOYEES AT THE END OF THE YEAR. *
* THIS PROGRAM CAN BE CALLED BY USING THE OPTION 2. IN *
* SUBMENU2.PRG *
=====

```

```

SET talk off
set echo off
set stat off
set scor off
set date brit
use incomtax inde incomtax
SET COLO TO GR+/RB+
@0,0 CLEA TO 23,79
@ 1,20 SAY "INCOME TAX ENTRY MODULE FOR DEDUCTIONS
PERMANANT"
code=0
ch=.t.
SET COLO TO BG+/B+,GR+/G+
@ 3,1 SAY "ENTER EMP. CODE " GET CODE PICT "9999"
READ
do while ch
SET COLO TO GR+/RB+
@ 2,1 CLEA TO 3,20
@ 3,25 say "Enter Emp. code " +ltrim(str(code))
SET COLO TO GR+/RB+
@ 2,20 CLEA TO 3,60
SET COLO TO BG+/B+,GR+/G+
seek code
if .not. found()
code=code+1
go top
loop
else
@ 5,25 CLEA TO 19,65
@ 5,25 TO 19,65
CH1 = .T.
DO WHILE CH1
stor 0 to nsc,ns,ulip,int,ppf,li,oth,ot,hrat
@ 03,30 say "Employee number "+ltrim(str(code))
@ 06,50 say "O.T+Others"
@ 08,50 get ot pict "999999"
@ 10,50 say "HRA PER MONTH"
@ 12,50 get hrat pict "999999"
@ 06,30 say "NSC " get nsc pict "999999"
@ 08,30 say "ULIP "get ulip pict "999999"
@ 10,30 say "INT NSC"get int pict "999999"
@ 12,30 say "PPF "get ppf pict "999999"
@ 14,30 say "LIC "get li pict "999999"
@ 16,30 say "NSS "get ns pict "999999"
@ 18,30 say "OTHERS "get oth pict "999999"
read
YESNO = " "
@ 21,25 say "Entries correct (Y/N)" get yesno
read
do case
case upper(yesno)="N"
loop
case upper(yesno)="Y"

```

```

repl tyofsche1 with "NSC"
repl amount1 with nsc
repl tyofsche2 with "ULIP"
repl amount2 with ulip
repl tyofsche3 with "INT NSC"
repl amount3 with int
repl tyofsche4 with "PPF"
repl amount4 with ppf
repl tyofsche5 with "LIC"
repl amount5 with li
repl tyofsche6 with "NSS"
repl amount6 with ns
repl tyofsche7 with "OTHERS"
repl amount7 with oth
repl dechra with hrat
repl totothers with ot
CH1 = .F.

endcase
ENDDO
YN = " "
@21,25 say "Another record ? y/n (n) for exit" get yn
read
DO CASE
CASE UPPER(YN) = "Y"
SET COLO TO gr+/rb+
@ 21,20 CLEA TO 23,60
code=code+1
LOOP
CASE UPPER(YN) = "N"
SET COLO TO
CLOSE ALL
CLEA ALL
CLEA
EXIT
ENDCASE
ENDDO
RETURN
*=====*
```

```

*=====*
*              (CALCUL.PRG )              *
* THIS PROGRAM CALCULATES THE INCOME TAX FOR PERMANENT *
* EMPLOYEES ON SCREEN. THIS IS A USER FRIENDLY PROGRAM *
* AND CAN BE CALLED USING OPTION 3. OF SUBMENU2.PRG      *
*=====*

```

```

set proc to pro
set colo to g+/g+
publ se
sele a
use incomtax inde incomtax
sele b
use itspec
sele a
CH=.t.
do while ch
@ 0,0 clea to 23,79
@ 0,0 to 23,79
set colo to bg+/g+
@ 0,30 say "INCOME TAX CALCULATION "
@ 1,65 say "PERMANANT"
set colo to g+/g+,g+/r+
tot=0
code=0
@ 1,5 say "Emp. Code = " get code pict "9999"
read
se=" "
@ 1,30 say "Sex (M/F) " get se
@ 2,30 say "Use CAPITAL letters only"
read
@ 1,5 clea to 2,65
seek code
if .not. found()
@ 20,40 say "Not found...."
@ 21,40 say "Press any Key"
wait""
set colo to
clos all
clea all
clea
ch=.f.
exit
else
@ 1,5 say "Emp. Code = " + ltrim(str(emp_no))
@ 2,5 say "Emp name = " + ltrim(empname)
@ 3,1 to 3,78
@ 4,5 say "Total Earnings "
@ 4,55 say "Total Deductions"
@ 5,1 to 5,78
@ 6,39 to 22,39
@ 6,30 to 22,30
@ 6,70 to 22,70
@ 6,5 say "Basic+DA+VDA "
@ 6,31 say ltrim(str(totpfwages))
@ 07,5 say "HRA"
@ 07,31 say ltrim(str(tothra))
@ 08,5 say "Night shift allw."
@ 08,31 say ltrim(str(totnsa))
@ 09,5 say "Outfit Allw."
@ 09,31 say ltrim(str(totoutfit))

```

```

@ 10,5 say "Leave+NF Wages "
@ 10,31 say ltrim(str(totlvwages))
@ 11,5 say "Education Allw. "
@ 11,31 say ltrim(str(toteducall))
@ 12,5 say "Personal Pay "
@ 12,31 say ltrim(str(totmiscar))
totother=0
if totothers =0
@ 13,5 say " OT + Others "
@ 13,31 get totother pict "999999"
read
@ 13,31 clea to 14,38
@ 13,31 say ltrim(str(totother))
repl totothers with totother
else
@ 13,5 say "OT + others"
@ 13,31 say ltrim(str(totothers))
endi
@ 14,1 to 14,38
@ 15,5 say "TOTAL "
tot=totpfwages+tothra+totnsa+totoutfit+totlvwages+toteducall+t
otmiscar+totothers
@ 15,31 say ltrim(str(tot))
chil=0
@ 16,5 say "How many children study "
@ 16,31 get chil pict "9" range 0,2
read
do case
case chil=0
at=0
case chil=1
at=600
case chil=2
at=1200
endc
@ 16,5 say "Rebate on Education "
@ 16,31 say ltrim(str(at))
*repl rebateduca with at
set colo to rb+/b+
@ 17,45 clea to 20,69
dh1=0
dh1=((tothra+(0.1*totpfwages))/12)+10
@ 17,45 say "To exempt the Amount of"
@ 18,45 say "HRA paid by the company"
@ 19,45 say "Employee should give "
@20,45 say "the slip for Rs. " + ltrim(str(dh1))
set colo to g+/g+,g+/r+
hratot=0
hrat=0
if dechra=0
@ 17,3 say "Declare your HRA per month"
@ 17,31 get hrat pict "9999"
read
else
@ 17,3 say "Declared HRA per month is "
@ 17,31 say ltrim(str(dechra))
hrat=dechra
endi
hratot=(hrat*12)-(0.1 * totpfwages)
*repl dechra with hrat
if hratot<0

```



```

hratot=0
endi
@ 17,3 clea to 19,29
@ 17,31 clea to 19,38
@ 17,45 clea to 20,69
tot1=0
tot2=0
tot3=0
ded=0
do case
case hratot>tothra
@ 17,5 say "Allowed Rebate on HRA"
@ 17,31 say ltrim(str(tothra))
ded=tothra
@ 18,5 say "Total "
tot1=tot-at-tothra
@ 18,31 say ltrim(str(tot1))
case hratot<tothra
@ 17,5 say "Allowed rebate on HRA"
@ 17,31 say ltrim(str(hratot))
ded=hratot
@ 18,5 say "Total "
tot1=tot-at-hratot
@ 18,31 say ltrim(str(tot1))
endc
*repl rebatetra with ded
do case
case upper(se)=b->sexm
@ 19,5 say "Standard Deduction "
tot2=b->standedm
@ 19,31 say ltrim(str(b->standedm))
@ 20,5 say "Taxable salary "
tot3=(tot1-tot2)
@ 20,31 say ltrim(str(tot3))
case upper(se)=b->sexf
@ 19,5 say "Standard Deduction "
tot2=b->standedf
@ 19,31 say ltrim(str(tot2))
@ 20,5 say "Taxable Salary "
tot3=(tot1-tot2)
@ 20,31 say ltrim(str(tot3))
endc
itax=0
tot4=0
tot5=0
tot6=0
do case
case tot3<=b->slabrate1
itax=0
case tot3>b->slabrate1 .and. tot3<=b->slabrate2
tot4=tot3 - b->slabrate1
itax=(tot4 * b->percent2)/100
case tot3>b->slabrate2 .and. tot3<=b->slabrate3
tot4=tot3-b->slabrate2
tot5=(b->slabrate2-b->slabrate1)*(b->percent2/100)
itax=tot5+((tot4*b->percent3)/100)
case tot3>b->slabrate3
tot4 = tot3-b->slabrate3
tot5 = (b->slabrate2-b->slabrate1)*(b->percent2/100)
tot6 = (b->slabrate3-b->slabrate2)*(b->percent3/100)
tot7 = (tot5+tot6)*(b->surcharg4/100)

```

```

itax= tot5+tot6+tot7+((tot4*percent4)/100)
endc
@ 21,5 say "Income tax "
@ 21,31 say ltrim(str(itax))
@ 6,45 clea to 22,78
if itax<=0
*repl incometax with itax
endi
if itax>0
do zoom
do zoom2
do deduc
op=" "
@ 23,20 say "Output to printer"get op
read
do case
case op="Y".or. op="y"
@ 23,20 say "Get your printer ready & press any key.."
wait""
do pro1
ENDC
endi
ent=" "
@ 23,20 say "Another employee record (Y/N) , (N) for exit "get
ent
read
do case
case upper(ent)="Y"
loop
case upper(ent)="N"
set devi to scree
clos proc
clos all
set colo to
clea all
clea
exit
endc
endi
endd
retu
*=====*
```

```

*=====*
*              ( PRO1.PRG )              *
* THIS PROGRAM IS CALLED BY CALCUL.PRG AND IS USED FOR *
* PRINTING THE SPECIFICATIONS FOR A PARTICULAR EMPLOYEE *
* ON SCREEN.                                         *
*=====*

set devi to prin
@   PROW()+4,05   SAY   CHR(14)+"CALCULATED   INCOME   TAX   FOR
EMPLOYEE"
@   PROW()+1,00 SAY   "|"+REPLI("-",78)+"|"
@   PROW()+1,00 SAY   "|   EMPNO =   " + LTRIM(STR(EMP_NO))
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00 SAY   "|   EMP NAME = "+LTRIM(EMPNAME)
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00 SAY   "|"+REPLI("-",78)+"|"
@   PROW()+1,00 SAY   "|   TOTAL EARNINGS           "
@   PROW()      ,40 SAY   "|   TOTAL DEDUCTIONS       "
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00 SAY   "|"+REPLI("-",78)+"|"
@   PROW()+1,00   SAY   "|   BASIC+DA+VDA             |
"+LTRIM(STR(TOTPEWAGES))
@   PROW()      ,40   SAY   "|   PF                   |
"+LTRIM(STR(TOTPE))
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00   SAY   "|   HRA                       |
"+LTRIM(STR(TOTHRA))
@   PROW()      ,40   SAY   "|   FPF                   |
"+LTRIM(STR(TOTFPF))
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00   SAY   "|   NSA                       |
"+LTRIM(STR(TOTNSA))
@   PROW()      ,40   SAY   "|   "
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00   SAY   "|   OUTFIT                   |
"+LTRIM(STR(TOTOUTFIT))
@   PROW()      ,40   SAY   "|   L.I.C                 |
"+LTRIM(STR(TOTLIC))
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00   SAY   "|   LEAVE+NF   WAGES         |
"+LTRIM(STR(TOTLVWAGES))
@   PROW()      ,40   SAY   "|   C.T.D                 |
"+LTRIM(STR(TOTCTDEP))
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00   SAY   "|   EDUCATION   ALLW.         |
"+LTRIM(STR(TOTEDUCALL))
@   PROW()      ,40 SAY   "|-----|-----"
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00   SAY   "|   PERSONAL   PAY         |
"+LTRIM(STR(TOTMISCEAR))
@   PROW()      ,40   SAY   "|   TOTAL                 |
"+LTRIM(STR(GRO))
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00 SAY   "|   "
@   PROW()      ,40 SAY   "|-----|-----"
@   PROW()+1,00   SAY   "|   OT+OTHERS           |
"+LTRIM(STR(TOTOTHERS))
@   PROW()      ,40   SAY   "|   I.TAX   FROM   SALARY   |
"+LTRIM(STR(ITAX))
@   PROW()      ,79 SAY   "|   "
@   PROW()+1,00   SAY   "|   TOTAL                 |

```

```

"+LTRIM(STR(TOT))
@   PROW()      ,40   SAY   "I   I.TAX   PREVIOUSLY   PAID   ;
"+LTRIM(STR(TOTITAX))
@   PROW()      ,79   SAY   "I
@   PROW()+1,00   SAY   "I   REBATE   ON   EDUCATION   ;
"+LTRIM(STR(AT))
@   PROW()      ,40   SAY   "I   20%   OF   TOTAL   SAVINGS   ;
"+LTRIM(STR(GRO1))
@   PROW()      ,79   SAY   "I
@   PROW()+1,00   SAY   "I   ALLOWED   HRA   DEDUCTION   ;
"+LTRIM(STR(ded))
@   PROW()      ,40   SAY   "I-----|-----"
@   PROW()      ,79   SAY   "I
@   PROW()+1,00   SAY   "I   STANDARD   DEDUCTION   ;
"+LTRIM(STR(TOT2))
@   PROW()      ,40   SAY   "I   REMAINING   INCOME   TAX   ;
"+LTRIM(STR(GRO2))
@   PROW()      ,79   SAY   "I
@   PROW()+1,00   SAY   "I   TOTAL   TAXABLE   SALARY   ;
"+LTRIM(STR(TOT3))
@   PROW()      ,40   SAY   "I-----|-----"
@   PROW()      ,79   SAY   "I
@   PROW()+1,00   SAY   "I"+REPLI("-",78)+"I
set devi to scree
*=====*

```



```

*=====*
*          (CALCULAT.PRG )          *
* THIS PROGRAM CALCULATES THE INCOME TAX FOR ALL      *
* PERMANENT EMPLOYEES AT ONE TIME AND ALL OF THE     *
* OF THE CALCULATION IS DONE OFF SCREEN.             *
* THIS PROGRAM CAN BE CALLED BY USING OPTION 4. IN    *
* SUBMENU2.PRG.                                     *
*=====*

set talk off
set echo off
set stat off
set safe off
set scor off
ent = " "
set colo to bg+/b+
@ 10,30 clea to 15,50
@ 10,30 to 15,50
@ 11,32 say "Before Running this "
@ 12,32 say "module . Have you "
@ 13,32 say "completed entries"
@ 14,40 get ent
read
if upper(ent)="N"
clos all
clea all
set colo to
clea
retu
endi
sele a
use incomtax inde incomtax
sele b
use itspec
sele a
CH=.t.
code=0
ree=1
@ 4,25 clea to 9,45
@ 5,27 say "calculation in"
@ 6,27 say "progress...."
@ 7,27 say "Rec. entered "
do while ch
@ 8,30 say ltrim(str(ree))
tot=0
seek code
if .not. found()
*@ 20,40 say "Wait..."
code=code+1
if code>1624
set colo to
ch=.f.
clos all
clea all
clea
else
go top
loop
endi
else
tot=totpfwages+tothra+totnsa+totoutfit+totlvwages+toteducall+t

```

```

otmiscar+tottothers
hratot=0
ded=0
if dechra=0
ded=0
else
  hratot=((dechra*12)-(0.1*totpfwages))
  do case
    case hratot>tothra
      ded=tothra
    case hratot<=tothra
      ded=hratot
  endc
endi
repl rebatehra with ded
tot1=(tot-rebateduca-rebatehra)
se="m"
do case
case upper(se)=b->sexm
tot2=b->standedm
tot3=(tot1-tot2)
case upper(se)=b->sexf
tot2=b->standedf
tot3=(tot1-tot2)
endc
itax=0
tot4=0
tot5=0
tot6=0
do case
case tot3<=b->slabrate1
itax=0
case tot3>b->slabrate1 .and. tot3<=b->slabrate2
tot4=tot3 - b->slabrate1
itax=(tot4 * b->percent2)/100
case tot3>b->slabrate2 .and. tot3<=b->slabrate3
tot4=tot3-b->slabrate2
tot5=(b->slabrate2-b->slabrate1)*(b->percent2/100)
itax=tot5+((tot4*b->percent3)/100)
case tot3>b->slabrate3
tot4 = tot3-b->slabrate3
tot5 = (b->slabrate2-b->slabrate1)*(b->percent2/100)
tot6 = (b->slabrate3-b->slabrate2)*(b->percent3/100)
tot7 = (tot5+tot6)*(b->surcharg4/100)
itax= tot5+tot6+tot7+((tot4*percent4)/100)
endc
if itax<=0
itax=0
repl incometax with itax
else
  gro=0
  gro1=0
  gro2=0
  gro3=0
  gro4=0
  gro=(totpf+totfpf+totlic+totctdep)
  gro1=(gro * 0.2)
  gro2=(itax-totitax-gro1)
  if gro2<=0
    gro2=0
    repl incometax with gro2
  
```

```

else
    gro3=(gro2*100)/20
    totsche=0
    totsche1=0
    tom=0
    tom1=0
    totsche=(amount1+amount2+amount3+amount4+amount5+amount6+amount7)
    totsche1=totsche1+totsche+gro
    tom=tom+(totsche1*0.2)
    ?emp_no
    ?tom
    tom1=tom1+(itax - tom)
    ?tom1
    repl pitax1 with tom
    repl pitax2 with tom1
    if totsche1>=b->qualifyamt
        @ 17,45 say "Exceeding the limit"
    endi
    gros=gro2-(0.2*totsche)
    if gros<0
        gros=0
    endi
    repl incometax with gros
    endi
endi
if code>1624
ch=.f.
SET COLO TO
clos all
clea all
clea
exit
else
code=code+1
ree=ree+1
loop
endi
endd
retu
*=====*
```

```

*=====*
*          ( CAL2.PRG )          *
* THIS PROGRAM CALCULATES THE SPECIFICATIONS NEEDED *
* FOR GENERATION OF FORM16 FROM THE DATA FILE *
* ITSTAF.DBF AND APPENDS TO DATA FILE STAFGENE.DBF *
* THIS PROGRAM CAN BE CALLED FROM MENU.PRG BY USING *
* OPTION 4. THIS IS ONLY APPLICABLE FOR STAFF PEOPLE. *
*=====*

use stafgene16
zap
close all
clea all
close data
ent = " "
sele a
use itstaf inde itstaf
sele b
use itspec
sele c
use stafgene16
@ 3,65 say "STAFF"
sele a
go bott
set colo to rb+/b+
@ 4,57 clea to 9,75
@ 5,58 say "Expected Time"
@ 6,58 say "For Completion"
string=(recno()/60)
s1=str(string,4,2)
s2=ltrim(s1)
@ 8,58 say left(s2,1)+" Min. "+right(s2,2)+" Sec."
sele a
go top
ree=1
set colo to gr+/br+
@ 11,57 clea to 16,75
@ 12,58 say "calculation in"
@ 13,58 say "progress...."
@ 14,58 say "Rec. entered "
set colo to gr+/r+
@ 18,57 clea to 22,75
sta=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val(right(time(),2))
@ 19,58 say "Elapsed Time"
do while .not. eof()
@ 15,65 say ltrim(str(ree))
tot=0
tot=totpfwages+tothra+totnsa+totoutfit+totlvwages+toteducall+totmiscear+totothers
hratot=0
ded=0
if dechra=0
ded=0
else
hratot=((dechra*12)-(0.1*totpfwages))
do case
case hratot>tothra
ded=tothra
case hratot<=tothra

```



```

        ded=hratot
    endc
endi
tot1=(tot-rebateduca-rebatehra)
se="m"
do case
case upper(se)=b->sexm
tot2=b->standedm
tot3=(tot1-tot2)
case upper(se)=b->sexf
tot2=b->standedf
tot3=(tot1-tot2)
endc
stan=0
stan=stan+tot2
itax=0
tot4=0
tot5=0
tot6=0
do case
case tot3<=b->slabrate1
itax=0
case tot3>b->slabrate1 .and. tot3<=b->slabrate2
tot4=tot3 - b->slabrate1
itax=(tot4 * b->percent2)/100
case tot3>b->slabrate2 .and. tot3<=b->slabrate3
tot4=tot3-b->slabrate2
tot5=(b->slabrate2-b->slabrate1)*(b->percent2/100)
itax=tot5+((tot4*b->percent3)/100)
case tot3>b->slabrate3
tot4 = tot3-b->slabrate3
tot5 = (b->slabrate2-b->slabrate1)*(b->percent2/100)
tot6 = (b->slabrate3-b->slabrate2)*(b->percent3/100)
tot7 = (tot5+tot6)*(b->surcharg4/100)
itax= tot5+tot6+tot7+((tot4*percent4)/100)
endc
allpf=0
alllic=0
allppf=0
allnsc=0
allint=0
alloth=0
allita=0
alltit=0
alluli=0
allnss=0
it=0
if itax<=0
itax=0
endi
re=0
re=re+rebatehra+rebateduca
allpf=allpf+totpf+totfpf
alllic=alllic+totlic+amount5
allnsc=allnsc+amount1
allppf=allppf+amount4
allint=allint+amount3
alloth=alloth+amount7
allita=allita+totitax
alltit=alltit+totitax+incometax
alluli=alluli+amount2

```

```

allnss=allnss+amount6
it=it+(itax-
(0.2*(allpf+alllic+allnsc+allppf+allint+alloth+alluli+allnss)))
if it<=0
it=0
endi
sele c
appe blan
repl empno with a->emp_no
repl nameemp with a->empname
repl grosstot with tot
repl rebate with re
repl firstit with itax
repl dedstan with stan
repl topf with allpf
repl tolic with alllic
repl tonsc with allnsc
repl toppf with allppf
repl tointnsc with allint
repl toothers with alloth
repl taxincome with it
repl toitax with allita
repl dedtit with alltit
repl toulip with alluli
repl tonss with allnss
sele a
ree=ree+1
fin=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val(ri
ght(time(),2))
fin1=mod((fin-sta),60)
fin2=int((fin-sta)/60)
@ 21,58 say ltrim(str(fin2))+ " Min. " +ltrim(str(fin1))+ " Sec."
skip 1
if eof()
set colo to gr+/g+
clos all
clea all
@ 3,57 clea to 22,75
exit
endi
loop
endd
retu
*=====*
```

```

*=====*
*          ( CAL1.PRG )          *
* THIS PROGRAM CALCULATES SPECIFICATION FOR FORM16 FOR *
* ALL PERMANENT EMPLOYEES FROM DATA FILES INCOMTAX.DBF *
* AND APPENDS TO DATA FILE FORMGENE16.DBF. *
* THIS PROGRAM CAN BE CALLED FROM MENU.PRG BY USING *
* OPTION 5. *
*=====*
use formgene16
zap
close all
clea all
close data
ent = " "
sele a
use incomtax inde incomtax
sele b
use itspec
sele c
use formgene16
@ 3,60 say "PERMANENT"
sele a
go bott
set colo to gr+/r+
@ 4,57 clea to 9,73
@ 5,58 say "Expected Time"
@ 6,58 say "For Completion"
string=recno()/60
s1=ltrim(str(string,6,2))
if val(right(s1,2))>60
s3=val(right(s1,2))-60
s4=val(left(s1,2))+1
s5=ltrim(str(s4))
s6=ltrim(str(s3))
else
s5=left(s1,2)
s6=right(s1,2)
endi
@ 7,58 say s5+" Min."+s6+" Sec."
sele a
go top
ree=1
set colo to gr+/b+
@ 11,57 clea to 16,73
@ 12,58 say "calculation in"
@ 13,58 say "progress...."
@ 14,58 say "Rec. entered "
set colo to gr+/rb+
@ 18,57 clea to 22,73
start=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val(
right(time(),2))
@ 19,58 say "Elapsed Time"
do while .not. eof()
@ 15,58 say ltrim(str(ree))
tot=0
tot=totpfwages+tothra+totnsa+totoutfit+totlvwages+toteducall+t
otmisclear+totothers
hratot=0
ded=0
if dechra=0
ded=0

```

```

else
  hratot=((dechra*12)-(0.1*totpfwages))
  do case
    case hratot>tothra
      ded=tothra
    case hratot<=tothra
      ded=hratot
    endc
  endi
  tot1=(tot-rebateduca-rebatehra)
  se="m"
  do case
    case upper(se)=b->sexm
      tot2=b->standedm
    case upper(se)=b->sexf
      tot2=b->standedf
    endc
  endi
  stan=0
  stan=stan+tot2
  itax=0
  tot4=0
  tot5=0
  tot6=0
  do case
    case tot3<=b->slabrate1
      itax=0
    case tot3>b->slabrate1 .and. tot3<=b->slabrate2
      tot4=tot3 - b->slabrate1
      itax=(tot4 * b->percent2)/100
    case tot3>b->slabrate2 .and. tot3<=b->slabrate3
      tot4=tot3-b->slabrate2
      tot5=(b->slabrate2-b->slabrate1)*(b->percent2/100)
      itax=tot5+((tot4*b->percent3)/100)
    case tot3>b->slabrate3
      tot4 = tot3-b->slabrate3
      tot5 = (b->slabrate2-b->slabrate1)*(b->percent2/100)
      tot6 = (b->slabrate3-b->slabrate2)*(b->percent3/100)
      tot7 = (tot5+tot6)*(b->surcharg4/100)
      itax= tot5+tot6+tot7+((tot4*percent4)/100)
    endc
  endi
  allpf=0
  alllic=0
  allppf=0
  allnsc=0
  allint=0
  alloth=0
  allita=0
  alltit=0
  alluli=0
  allnss=0
  it=0
  if itax<=0
    itax=0
  endi
  re=0
  re=re+rebatehra+rebateduca
  allpf=allpf+totpf+totfpf
  alllic=alllic+totlic+amount5
  allnsc=allnsc+amount1

```



```

allppf=allppf+amount4
allint=allint+amount3
alloth=alloth+amount7
allita=allita+totitax
alltit=alltit+totitax+incometax
alluli=alluli+amount2
allnss=allnss+amount6
it=it+(itax-
(0.2*(allpf+alllic+allnsc+allppf+allint+alloth+alluli+allnss)))
if it<=0
it=0
endi
sele c
appe blan
repl empno with a->emp_no
repl nameemp with a->empname
repl grosstot with tot
repl rebate with re
repl firsttit with itax
repl dedstan with stan
repl topf with allpf
repl tolic with alllic
repl tonsc with allnsc
repl toppf with allppf
repl tointnsc with allint
repl toothers with alloth
repl taxincome with it
repl toitax with allita
repl dedtit with alltit
repl toulip with alluli
repl tonss with allnss
sele a
ree=ree+1
fin=val(left(time(),2))*3600+val(substr(time(),4,2))*60+val(ri
ght(time(),2))
fin1=mod((fin-start),60)
fin2=int((fin-start)/60)
@ 21,57 say ltrim(str(fin2))+ " Min. "+ltrim(str(fin1))+ " Sec."
skip 1
if eof()
set colo to gr+/g+
@ 3,57 clea to 22,73
clos all
clea all
exit
endi
loop
endd
retu

```

```

*=====*
*          ( FORMS.PRG )          *
* THIS PROGRAM PRINTS THE FORM16 FOR ALL THE STAFF *
* EMPLOYEES. *
* THIS PROGRAM CAN BE CALLED FROM MENU.PRG BY USING *
* OPTION 6. *
*=====*

```

```

use stafgene16 inde staform
rein
close all
clea all
use stafgene16 inde staform
go top
set colo to gr+/b+,gr+/g+
code = 0
@ 5,57 clea to 9,75
@ 7,58 say "Enter Emp.no. "
@ 8,63 get code pict "9999"
read
cnt = 1
do while .not. eof()
seek code
if .not. found()
@ 17,57 clea to 21,70
@ 18,58 say "Not Found"
@ 19,58 say "Press Any"
@ 20,58 say "Key.."
wait""
set colo to gr+/b+,gr+/g+
c1 = " "
@ 5,57 clea to 9,75
@ 6,58 say "Wish to Continue"
@ 7,58 say "Press (Y/N) "
@ 8,65 get c1
read
do case
    case upper(c1) = "Y"
        code = 0
        @ 5,57 clea to 9,75
        @ 7,58 say "Enter Emp.no"
        @ 8,63 get code pict "9999"
        read
        cnt = 1
        loop
    case upper(c1) = "N"
        set colo to gr+/g+
        @ 5,57 clea to 9,75
        close all
        exit
    endcase
else
if taxincome>0 .or. deduit >0
set devi to prin
@ PROW(),00 SAY repli("=",80)
@ PROW()+1,00 SAY "!"
@ PROW() ,10 say chr(14)+"FORM NO. 16"+CHR(20)+"(see under
rule 31 (1) (a))"+CHR(20)
@ PROW() ,71 SAY "!"
@ PROW()+1,00 say " ! CERTIFICATE UNDER SECTION 203 OF THE
INCOME TAX ACT,1961 FOR TAX DEDUCTED AT"

```

```

@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" SOURCE FROM INCOME CHARGEABLE UNDER THE
HEAD SALARIES"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" NAME & ADDRESS OF THE EMPLOYER "+"
M/S NESTLE INDIA LIMITED"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!"
@ PROW() ,47 SAY "MOGA FACTORY"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" NAME & DESIG OF THE EMPLOYEE"
@ PROW() ,47 SAY ltrim(upper(nameemp))
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" PAN/GIRNO OF THE EMPLOYER "
@ PROW() ,47 SAY "22-000-CT-0393"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" TAN OF THE EMPLOYER"
@ PROW() ,47 SAY "F-0086-C(S)/MOGA"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" PAN/GIR NO OF EMPLOYEE"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" TDS CIRCLE WHERE ANNUAL RETURN UNDER
JALANDHAR"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" SECTION 206 IS TO BE FILLED "
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" PERIOD 1.04.92 TO 31.03.93
ASS YEAR 93-94 "
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!"
@ PROW() ,10 SAY "DETAILS OF SALARY PAID AND ANY OTHER INCOME
AND TAX DEDUCTED "
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" +REPLI("=",78)+"!"
@ PROW()+1,00 SAY "!"
@ PROW() ,05 SAY "1 GROSS SALARY "
@ PROW() ,65 SAY ltrim(str(grosstot))
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!"
@ PROW() ,05 SAY "2 LESS ALLOWANCE TO THE EXTENT "
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" EXEMPT UNDER SECTION 10"
@ PROW() ,65 SAY ltrim(str(rebate))
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!"
@ PROW() ,05 SAY "3 BALANCE (1-2)"
@ PROW() ,65 SAY ltrim(str(grosstot-rebate))
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!"
@ PROW() ,05 SAY "4 DEDUCTIONS"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" (a) STANDARD DEDUCTION (RS)"
@ PROW() ,65 SAY ltrim(str(dedstan))
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" (b) ENTERTAINMENT ALLOWANCE
(RS)"
@ PROW() ,65 SAY "0"
@ PROW() ,79 SAY "!"
@ PROW()+1,00 SAY "!" (c) TAX ON EMPLOYMENT (RS)"

```



```

@ prow() ,65 say "0"
@ PROW() ,79 SAY "|"
@ PROW()+1,00 SAY "|"
@ PROW() ,05 SAY "5" AGGREGATE OF 4(a to c) RS"
@ prow() ,65 say ltrim(str(dedstan))
@ PROW() ,79 SAY "|"
@ PROW()+1,00 SAY "|"
@ PROW() ,05 SAY "6" INCOME CHARGEABLE UNDER THE"
@ PROW() ,79 SAY "|"
@ PROW()+1,00 SAY "|"
@ PROW() ,05 SAY " HEAD SALARIES(3-5)"
@ prow() ,65 say ltrim(str(grosstot-rebate-dedstan))
@ PROW() ,79 SAY "|"
DO FORM16A
eject
SET DEVI TO SCREE
if cnt>1
c1 = " "
set colo to gr+/b+,gr+/g+
@ 5,57 clea to 9,75
@ 6,58 say "Wish to Continue"
@ 7,58 say "Press (Y/N) "
@ 8,65 get c1
read
do case
    case upper(c1) = "Y"
        cnt=1
        skip1
        loop
        case upper(c1) = "N"
            set colo to gr+/g+
            @ 5,57 clea to 9,75
            close all
            exit
    endc
else
    cnt=cnt+1
    code=code+1
    loop
    endi
else
    @ 5,57 clea to 11,75
    @ 6,58 say "Employee is not"
    @ 7,58 say "Entitled for"
    @ 8,58 say "FORM 16 "
    @ 9,58 say "Form generated"
    code = code+1
    @ 10,58 say "for Emp.No. "+ltrim(str(code))
    loop
    endi
endi
endd
RETU

```



```

*=====*
*              ( FORM16.PRG )              *
* THIS PROGRAM PRINTS THE FORM16 FOR ALL THE PERMANENT *
* EMPLOYEES BY USING THE OPTION 7. IN MENU.PRG      *
*=====*

```

```

publ code
use formgene16 inde empform
rein
clos all
clea all
use formgene16 inde empform
go top
set colo to gr+/b+,gr+/g+
code=0
@ 5,57 clea to 9,75
@ 7,58 say "Enter Emp. no. "
@ 8,63 get code pict "9999"
read
cnt=1
do while .not. eof()
seek code
if .not. found()
@ 17,57 clea to 21,70
@ 18,58 say "Not Found"
@ 19,58 say "Press Any"
@ 20,58 say "Key .."
wait""
set colo to gr+/g+
@ 17,57 clea to 21,75
set colo to gr+/b+,gr+/g+
c1 = " "
@ 5,57 clea to 9,75
@ 6,58 say "Wish to Continue"
@ 7,58 say "Press (Y/N) "
@ 8,65 get c1
read
do case
case upper(c1)="Y"
code = 0
@ 5,57 clea to 9,75
@ 7,58 say "Enter Emp. no. "
@ 8,63 get code pict "9999"
read
cnt = 1
loop
case upper(c1) = "N"
set colo to gr+/g+
@ 5,57 clea to 9,75
close all
exit
endc
else
if taxincome > 0 .or. dedit >0
set devi to prin
@ PROW(),00 SAY repli("=",80)
@ PROW()+1,00 SAY "!"
@ PROW() ,10 say chr(14)+"FORM NO. 16"+CHR(20)+"(see under
rule 31 (1) (a))"+CHR(20)
@ PROW() ,71 SAY "!"
@ PROW()+1,00 say " ! CERTIFICATE UNDER SECTION 203 OF THE

```

INCOME TAX ACT, 1961 FOR TAX DEDUCTED AT"

```

@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 SOURCE FROM INCOME CHARGEABLE UNDER THE
HEAD SALARIES"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 NAME & ADDRESS OF THE EMPLOYER "+"
M/S NESTLE INDIA LIMITED"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1"
@ PROW() ,47 SAY "MOGA FACTORY"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 NAME & DESIG OF THE EMPLOYEE"
@ PROW() ,47 SAY ltrim(upper(nameemp))
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 PAN/GIRNO OF THE EMPLOYER "
@ PROW() ,47 SAY "22-000-CT-0393"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 TAN OF THE EMPLOYER"
@ PROW() ,47 SAY "F-0086-C(S)/MOGA"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 PAN/GIR NO OF EMPLOYEE"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 TDS CIRCLE WHERE ANNUAL RETURN UNDER
JALANDHAR"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 SECTION 206 IS TO BE FILLED "
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 PERIOD 1.04.92 TO 31.03.93
ASS YEAR 93-94 "
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1"
@ PROW() ,10 SAY "DETAILS OF SALARY PAID AND ANY OTHER INCOME
AND TAX DEDUCTED "
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 "+REPLI("=",78)+"1"
@ PROW()+1,00 SAY "1"
@ PROW() ,05 SAY "1 GROSS SALARY "
@ PROW() ,65 SAY ltrim(str(grosstot))
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1"
@ PROW() ,05 SAY "2 LESS ALLOWANCE TO THE EXTENT "
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 EXEMPT UNDER SECTION 10"
@ PROW() ,65 SAY ltrim(str(rebate))
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1"
@ PROW() ,05 SAY "3 BALANCE (1-2)"
@ PROW() ,65 SAY ltrim(str(grosstot-rebate))
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1"
@ PROW() ,05 SAY "4 DEDUCTIONS"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 (a) STANDARD DEDUCTION (RS)"
@ PROW() ,65 SAY ltrim(str(dedstan))
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1 (b) ENTERTAINMENT ALLOWANCE
(RS)"
@ PROW() ,65 SAY "0"
@ PROW() ,79 SAY "1"

```

```

@ PROW()+1,00 SAY "1"          (c)          TAX ON EMPLOYMENT (RS)"
@ prow() ,65 say "0"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1"
@ PROW() ,05 SAY "5"          AGGREGATE OF 4(a to c) RS"
@ prow() ,65 say ltrim(str(dedstan))
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1"
@ PROW() ,05 SAY "6"          INCOME CHARGEABLE UNDER THE"
@ PROW() ,79 SAY "1"
@ PROW()+1,00 SAY "1"
@ PROW() ,05 SAY " "          HEAD SALARIES(3-5)"
@ prow() ,65 say ltrim(str(grosstot-rebate-dedstan))
@ PROW() ,79 SAY "1"
DO FORM16A
eject
SET DEVI TO SCREE
if cnt>1
c1=" "
set colo to gr+/b+,gr+/g+
@ 5,57 clea to 9,75
@ 6,58 say "Wish to Continue"
@ 7,58 say " Press (Y/N) "
@ 8,65 get c1
read
do case
  case upper(c1)="Y"
    cnt=1
    skip 1
    loop
    case upper(c1)="N"
      set colo to gr+/g+
      @ 5,57 clea to 9,75
      clos all
      exit
    endc
  else
    cnt=cnt+1
    code=code+1
    loop
    endi
  else
    @ 5,57 clea to 11,75
    @ 6,58 say "Employee is not"
    @ 7,58 say "Entitled for "
    @ 8,58 say "FORM 16 "
    @ 9,58 say "Form generated"
    code=code+1
    @ 10,58 say "for Emp. NO. "+ltrim(str(code))
    loop
  endi
endi
endd
RETU
*=====*
```



```

*-----*
*              ( FORM16A.PRG )              *
* THIS PROGRAM IS A COMMON PROGRAM USED FOR PRINTING *
* FORM16 IN CASE OF STAFF AS WELL AS PERMANENT EMPLOYEES*
* THIS PROGRAM IS EXECUTED AUTOMATICALLY WHEN OPTIONS *
* 6 & 7 ARE CHOSEN FROM MENU.PRG.            *
*-----*

```

```

@PROW()+1,00 SAY "|"
@PROW(),05 SAY "7" ADD ANY OTHER INCOME REPORTED"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " BY THE EMPLOYEE"
@prow(),65 say "0"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "8" GROSS TOTAL INCOME (6+7)"
@prow(),65 say ltrim(str(grosstot-rebate-dedstan))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "9" DEDUCTION UNDER CHAPTER VI-A"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " GRAMT QUALAMT
DEDAMT"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " a) SEC 80 CCD 0 0
0"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "10 AGGREGATE"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " UNDER CHAPTER VI-A"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "11 TOTAL INCOME (8-10)"
@prow(),65 say ltrim(str(grosstot-rebate-dedstan))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "12 TAX ON TOTAL INCOME "
@prow(),65 say ltrim(str(firstit))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "13 REBATE AND RELIEF UNDER CHAPTER
V111"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " I UNDER SEC 88 GRAMT QUALAMT
TAX RELIEF"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " a) PROV FUND RS="
@prow(),65 say ltrim(str(topf))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " b) LIC RS="
@prow(),65 say ltrim(str(tolic))

```



```

@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " c)          N S C          RS="
@prow(),65 say ltrim(str(tonsc))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " d)          PPF          RS="
@prow(),65 say ltrim(str(toppf))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " e)          INTR OF NSC  RS="
@prow(),65 say ltrim(str(tointnsc))
@PROW(),79 SAY "|"
@prow()+1,00 say "|"
@PROW(),05 SAY " f)          ULIP          RS="
@prow(),65 say ltrim(str(toulip))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " g)          NSS          RS="
@prow(),65 say ltrim(str(tonss))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " h)          OTHERS          RS="
@prow(),65 say ltrim(str(toothers))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY " i)          TOTAL (A)TO(H)  "
@prow(),65 say ltrim(str(topf+tolic+tonsc+toppf+tointnsc))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "          II          UNDER SEC 88A"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "          a)          0"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "          b)          0"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "          c)          TOTAL (a+b)"
@prow(),65 say "0"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "          III         UNDER SECTION 89"
@prow(),65 say "0"
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "14          AGGREGATE OF TAX REBATES & RELIEF
AT 13 ABOVE"
tr=(0.2*(topf+tolic+tonsc+toppf+tointnsc))
@prow(),65 say ltrim(str(tr))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "15          TAX PAYABLE (12-14) AND
SURCHARGE"
@prow(),65 say ltrim(str(taxincome))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"
@PROW(),05 SAY "16          LESS TAX DEDUCTED AT SOURCE "
@prow(),65 say ltrim(str(dedit))
@PROW(),79 SAY "|"

```

```

@PROW()+1,00 SAY "|"
@PROW(),05 SAY "17" TAX REFUNDABLE (15-16)"
@prow(),65 say ltrim(str(dedit-taxincome))
@PROW(),79 SAY "|"
@PROW()+1,00 SAY "|"+REPLI("=",78)+"|"
@PROW()+1,00 SAY "| DETAILS OF TAX DEDUCTED AND DEPOSITED
INTO CENTRAL GOVT. ACCOUNT |"
@PROW()+1,00 SAY "|AMOUNT : "+ltrim(str(dedit))+"/--"
@prow() ,40 say "RUPEES : "+ltrim(str(dedit))+"/--"
@prow() ,79 say "|"
@PROW()+1,00 SAY "|DATE OF PAYMENT :
|"
@PROW()+1,00 SAY "|NAME OF BANK AND BRANCH WHERE TAX DEPOSITED
PUNJAB NATIONAL |"
@PROW()+1,00 SAY "|BANK PARTAP ROAD , MOGA
|"
@PROW()+1,00 SAY "|CERTIFIED THAT A SUM OF RS.
|"
@PROW()+1,00 SAY "|HAS BEEN DEDUCTED AT SOURCE AND PAID TO THE
CREDIT OF |"
@PROW()+1,00 SAY "|CENTRAL GOVERNMENT FURTHER CERTIFIED THAT
ABOVE INFORMATION |"
@PROW()+1,00 SAY "|IS TRUE AND CORRECT AS PER RECORDS
|"
@PROW()+1,00 SAY "|PLACE : MOGA DATE : 27/04/93
|"
@PROW()+1,00 SAY
"|=====
=====|"
RETU
*=====

```

```

*=====*
*                               PRO.PRG                               *
* THIS IS A PROCEDURE FILE CONSISTING OF MANY                      *
* PROCEDURES USED IN THE VARIOUS STAGES OF                         *
* INCOME TAX CALCULATION PROGRAM.                                  *
*=====*

```

```

*-----*
*           START OF PROCEDURE  `ZOOM`                               *
*-----*

```

```

procedure zoom
r=14
c=57
r1=15
c1=58
set colo to gr+/rb+
do while r1<=22
@ r,c clea to r1,c1
@ r,c to r1,c1
r=r-1
c=c-2
r1=r1+1
c1=c1+2
endd
retu

```

```

*-----*
*           END OF PROCEDURE  `ZOOM`                                *
*-----*

```

```

*-----*
*           START OF PROCEDURE  `ZOOM3`                             *
*-----*

```

```

procedure zoom3
publ a1
r=05
c=67
r1=06
c1=69
set colo to gr+/r+,gr+/b+
do while r1<09
@ r,c clea to r1,c1
r=r-1
c=c-2
r1=r1+1
c1=c1+2
endd
@ 05,65 say "Wait.."
@ 06,65 say "Indexing"
retu

```

```

*-----*
*           END OF PROCEDURE  `ZOOM3`                               *
*-----*

```

```
-----
*                START OF PROCEDURE `DEDUC`                *
```

```

procedure deduc
set colo to g+/g+,g+/r+
@ 6,42 clea to 22,78
@ 6,70 to 22,70
@ 6,45 say "Providend fund"
@ 6,71 say ltrim(str(totpf))
@ 07,45 say "FPF"
@ 07,71 say ltrim(str(totfpf))
@ 08,45 say "L.I.C"
@ 08,71 say ltrim(str(totlic))
@ 09,45 say "C.T.D"
@ 09,71 say ltrim(str(totctdep))
@ 10,41 to 10,69
@ 10,71 to 10,78
@ 11,45 say "Total savings "
@ 11,71 say ltrim(str(gro))
@ 12,41 to 12,69
@ 12,71 to 12,78
@ 16,45 say "20 % of total Savings"
@ 16,71 say ltrim(str(gro1))
@ 13,45 say "I.T from taxable sal."
@ 13,71 say ltrim(str(itax))
@ 14,41 to 14,69
@ 14,71 to 14,78
@ 15,45 say "I.T previously paid "
@ 15,71 say ltrim(str(totitax))
@ 17,41 to 17,69
@ 17,71 to 17,78
@ 18,45 say "Remaining I.T "
if gro2<0
gro2=0
endi
@18,71 say ltrim(str(gro2))
@19,45 say "Total Savings "
@19,71 say ltrim(str(totsche))
@20,45 say "Net I.T "
@20,71 say ltrim(str(gros))
retu

```

```
-----
*                END OF PROCEDURE `DEDUC`                *
```

```
-----
*                START OF PROCEDURE `ZOOM1`                *
```

```

PROCEDURE ZOOM1
r=14
c=57
r1=15
c1=58
set colo to RB+/B+
do while r1<=18
@ r,c clea to r1,c1
@ r,c to r1,c1
r=r-1
c=c-3
r1=r1+1
c1=c1+4

```


endd
retu

* END OF PROCEDURE `ZOOM1` *

* START OF PROCEDURE `ZOOM2` *

```
procedure zoom2
publ gro,gro1,gro2,totsche,gros
gro=0
gro1=0
gro2=0
gro3=0
@ 08,45 say "Total savings "
gro=(totpf+totfpf+totlic+totctdep)
@ 08,68 say ltrim(str(gro))
@ 09,45 say "20 % of total Savings"
gro1=(gro * 0.2)
@ 09,68 say ltrim(str(gro1))
@ 10,45 say "I.T from taxable sal."
@ 10,68 say ltrim(str(itax))
@ 11,45 say "I.T previously paid "
@ 11,68 say ltrim(str(totitax))
@ 12,45 say "Remaining I.T "
gro2=(itax-totitax-gro1)
if gro2<0
gro2=0
endi
@ 12,68 say ltrim(str(gro2))
if gro2>0
que=" "
@ 15,50 say "Any Query (Y/N)" get que
read
if upper(que)="Y"
do zoom4
@ 16,46 say "TO SAVE YOUR INCOME TAX"
@ 17,46 say "Total Savings should be"
gro3=(gro2*100)/20
@ 18,55 say "Rs. "+ltrim(str(gro3))
@ 19,47 say "Press any key ...."
wait""
set colo to g+/rb+
@ 14,45 clea to 20,70
@ 13,45 say "Total Savings Needed "+ltrim(str(gro3))
que1=" "
@ 15,45 say "Any investments to enter" get que1
read
if upper(que1)="Y"
que3=.t.
tpe=1
do while que3
do zoom4
tos=spac(15)
amt1=0
@ 16,46 say "Type of Scheme "
@ 17,46 get tos
read
tos1=upper(tos)
```

```

@ 18,46 say "Enter Amount" " get amt1 pict "99999"
read
que2=" "
@ 19,46 say "Any other investment" get que2
read
do case
case tpe=1
repl tyofschel with tos1
repl amount1 with amt1
case tpe=2
repl tyofsche2 with tos1
repl amount2 with amt1
case tpe=3
repl tyofsche3 with tos1
repl amount3 with amt1
case tpe=4
repl tyofsche4 with tos1
repl amount4 with amt1
case tpe=5
repl tyofsche5 with tos1
repl amount5 with amt1
case tpe=6
case tpe=7
endc
if upper(que2)="Y"
tpe=tpe+1
loop
else
que3=.f.
endi
enddd
endi
set colo to g+/rb+
@ 14,45 clea to 20,70
endi
endi
totsche=0
totschel=0
totsche=(amount1+amount2+amount3+amount4+amount5+amount6+amount7)
totschel=totschel+totsche+gro
if totschel>=b->qualifyamt
@ 17,45 say "Exceeding the limit"
endi
gros=gro2-(0.2*totsche)
if gros<0
gros=0
endi
@ 17,45 say "Remaining I.T" "+ltrim(str(gros))
wait""
*repl incometax with gros
retu
-----
* END OF PROCEDURE `ZOOM2` *
-----

-----
* START OF PROCEDURE `SUBMENU1` *
-----
procedure submenu1
ch3=.t.

```

```

do while ch3
set colo to gr+/g+,g+/r+
@ 7,60 clea to 21,78
@ 7,60 to 21,78
@ 8,65 say "Staff"
@ 10,61 say "1.Entry Module"
@ 11,61 say " (Earnings)"
@ 12,61 say "2.Entry Module"
@ 13,61 say " (Deductions)"
@ 14,61 say "3.Calcul. of I.T"
@ 15,61 say " (on screen)"
@ 16,61 say "4.Calcul. of I.T"
@ 17,61 say " (off screen)"
@ 18,61 SAY "5.Updation Module"
@ 19,61 say "0.Exit"
ask1=" "
@ 20,61 say "Enter choice " get ask1
read
do case
    case ask1="1"
        do calcul1
    case ask1="2"
        do staentry
    case ask1="3"
        set colo to
        clea
        do calcul2
    case ask1="4"
        do cal
    case ask1="5"
        do upincom
    case ask1="0"
        ch3=.f.
        set colo to gr+/g+
*       @ 13,60 clea to 20,78
        set colo to
        exit
endc
endd
retu

```

```

-----
*                END OF PROCEDURE `SUBMENU1'                *
-----

```

```

-----
*                START OF PROCEDURE `ZOOM4'                  *
-----

```

```

PROCEDURE ZOOM4
r=17
c=57
r1=18
c1=58
set colo to RB+/B+
do while r1<=20
@ r,c clea to r1,c1
@ r,c to r1,c1
r=r-1
c=c-6
r1=r1+1
c1=c1+6

```

endd
retu

*

END OF PROCEDURE 'ZOOM4'

*

Thapar Institute of Engg. & Tech.
PATIALA-147001

CENTRAL LIBRARY

No. 90489 Dt. 22-5-94

Thapar University, Patiala
Central Library



90489