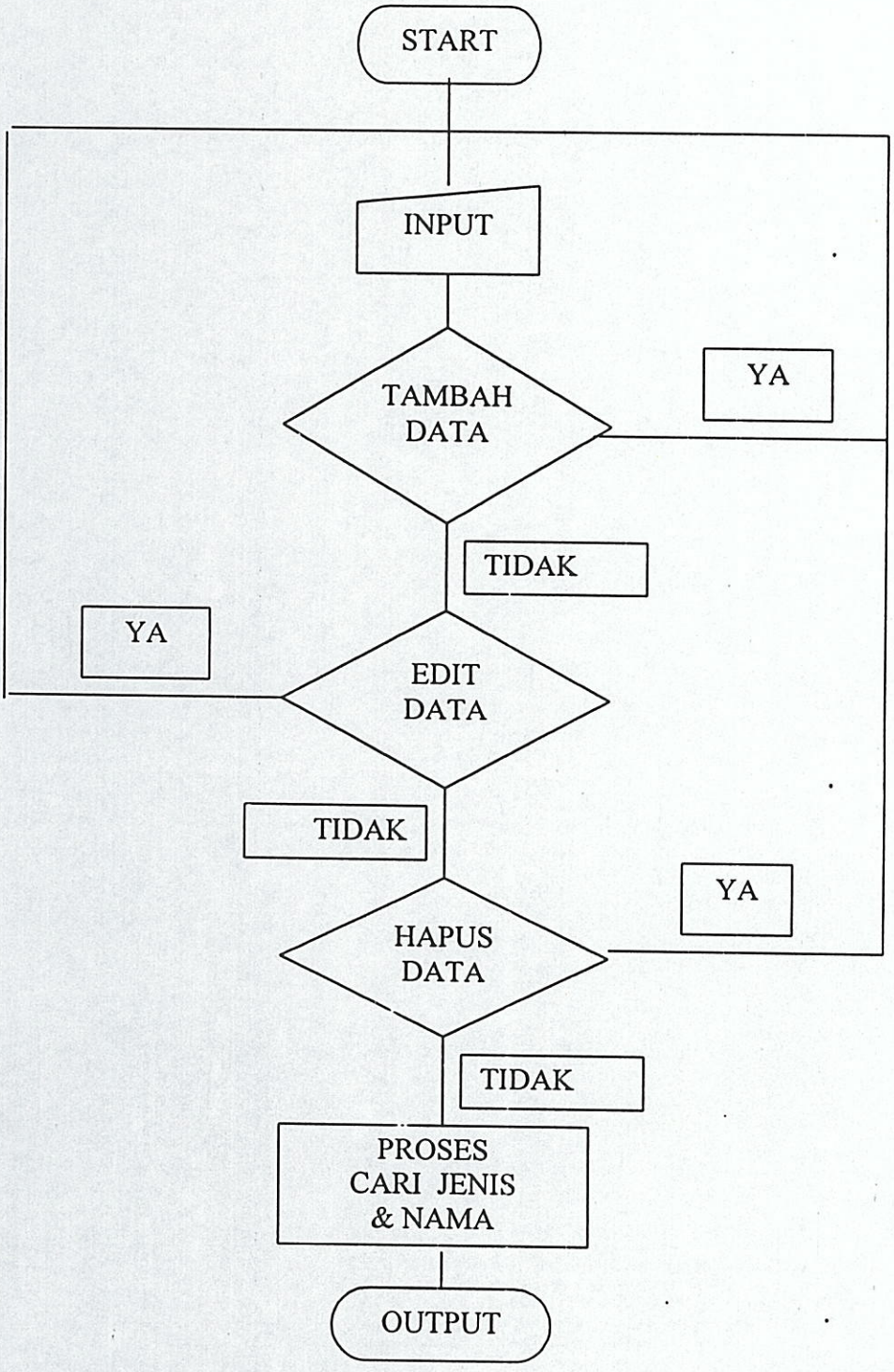
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LAMPIRAN – LAMPIRAN



FLOWCHART MENGOLAH DATA KARYAWAN

TAMBAH

```
//Program TAMBAH.PRG
#include "inkey.ch"
local MScreen:=SaveScreen(), MColor:=setcolor()
set intens off
set score off
set deli on
set deli to "[]"
if .not. file("JENIS.NTX") .or. .not. file("NAMA.NTX")
   use telkom new
   index on jenis to jenis
   index on nama to nama
   set index to jenis,nama
else
use telkom index jenis,nama new
endif

set date brit
do while .t.
   cBulan:=space(9)
   cJenis:=space(30)
   cNama:=space(30)
   cNIK:=space(7)
   cLoker:=space(10)
   dTglMulai:=ctod("  /  /  ")
   dTglSelesai:=ctod("  /  /  ")

   do kotak with 4,13,14,67,"n/bg,gr+/b"

   setcursor(1)
   @ 5, 32 say "I N P U T  D A T A"
   @ row()+1,14 say repl(chr(196),53)
   @ row()+1,15 say "B u l a n       : " get cBulan
pict "@!"
   @ row()+1,15 say "Jenis Pelatihan : " get cJenis
pict "@!"
   @ row()+1,15 say "N a m a         : " get cNama
pict "@!"
   @ row()+1,15 say "N I K           : " get cNIK
pict "@!"
   @ row()+1,15 say "L o k e r       : " get cLoker
pict "@!"
   @ row()+1,15 say "Tanggal Mulai   : " get dTglMulai
   @ row()+1,15 say "Tanggal Selesai : " get
dTglSelesai
   read
   setcursor(0)
```

```
      if lastkey()=K_ESC
         CLOSE ALL
         exit
      endif

      append blank
      replace Bulan with cBulan,;
              Jenis      with cJenis,;
              Nama       with cNama,;
              NIK        with cNIK,;
              Loker      with cLoker,;
              TglMulai   with dTglMulai,;
              TglSelesai with dTglSelesai
reindex
enddo
set intens on
set deli off
restscreen(0,0,24,79,MScreen)
setcolor(MColor)
return
```

```
#include "INKEY.CH"
local MScreen:=Savescreen(), Mcolor:=setcolor()
local Frame:=repl(chr(10),9),X,Akolom:={}
local B:=TBrowseDB(4,5,20,75)
local Brs,Klm,Clr
private Mjenis,Mnama
setcolor("w+/n")
@0,0,24,79 box frame

if .not. file("JENIS.NTX") .or. .not. file("NAMA.NTX")
   use TELKOM new
   index on Jenis to Jenis
   index on Nama to Nama
   set index to Jenis,Nama
else
   use Telkom index Jenis, Nama new
endif

Aadd(Akolom,{"Bulan","Jenis","Nama","Nik","Loker","TglM
ulai","TglSelesai","JmHari","JmPeserta","JmManDay"})

Kolom:=TBColumnNew("Bulan", {||Bulan})
B:addcolumn(Kolom)
Kolom:=TBColumnNew("Jenis Pelatihan", {||Jenis})
B:addcolumn(Kolom)
Kolom:=TBColumnNew("Nama", {||Nama})
B:addcolumn(Kolom)
Kolom:=TBColumnNew("NIK", {||Nik})
B:addcolumn(Kolom)
Kolom:=TBColumnNew("Loker", {||Loker})
B:addcolumn(Kolom)
Kolom:=TBColumnNew("Tanggal;Mulai", {||TglMulai})
B:addcolumn(Kolom)
Kolom:=TBColumnNew("Tanggal;Selesai", {||TglSelesai})
B:addcolumn(Kolom)
Kolom:=TBColumnNew("Jumlah;Hari", {||Hari()})
B:addcolumn(Kolom)
//Kolom:=TBColumnNew("Jumlah;Peserta", {||Peserta()})
//B:addcolumn(Kolom)
//Kolom:=TBColumnNew("Jumlah;ManDay", {||ManDay()})
//B:addcolumn(Kolom)

//gunakan beberapa instance variabel untuk mengatur
tampilan object
B:headSep:=Chr(205)      //garis pemisah judul dengan
isi
B:colSep:=Chr(179)       //garis pemisah antar kolom
```

```
B:colorSpec:="n/bg,gr+/br"     //menentukan warna pada
tabel

//buat kotak berbayang
do kotak with 3,4,21,76,"n/bg,gr+/r"

Setcolor("w+/b")
@24,0 say space(80)
@24,1 say "ENTER->Edit"
@row(),col()+1 say chr(179)
@row(),col()+1 say "F2->Cari Jenis"
@row(),col()+1 say chr(179)
@row(),col()+1 say "F3->Cari Nama"
@row(),col()+1 say "Alt+P->Pack"
setcursor(0)

do while .T.
   do while .not. B:stabilize()     //metode untuk
mencetak isi object
   enddo

   //cetak status penghapusan record yang ditunjuk
   Brs:=row()
   Klm:=col()
   Clr:=setcolor("w*+/r")
   @ 2,66 say if(deleted(), "DEL->recall", "DEL-
>delete")
   setcolor(clr)
   setpos(Brs,Klm)

   X:=inkey(0)
   do case
      case Kursor(B,X)
      case X=K_ESC
           exit
       case X=K_ENTER
             IF B:colpos=5
                 tone(700,1)
                 tone(500,1)
                 loop
             endif
            MEdit:=Akolom[1][B:ColPos]   //B:Colpos
menghasilkan nomor kolom
             setcursor(1)
             @row(),col()      get &MEdit
             read
             setcursor(0)
```

```
            B:refreshcurrent()    //metoda untuk
mencetak ulang baris sekarang
          case X=K_F2
               B:gotop() //ke paling atas tabel
               B:refreshAll() //cetak ulang layar
               do while .not. B:stabilize()
               enddo
               do CrJenis
               B:goTopBlock:=AtasBlock(Mjenis)
               B:goBottomBlock:=BawahBlock(Mjenis)
               B:SkipBlock:=xSkipBlock(Mjenis)
               B:refreshAll()
          case X=K_F3
               B:gotop() //ke paling atas tabel
               B:refreshAll() //cetak ulang layar
               do while .not. B:stabilize()
               enddo
               do  CrNama
               B:goTopBlock:=AtasBlock(Mnama)
               B:goBottomBlock:=BawahBlock(Mnama)
               B:SkipBlock:=xSkipBlock(Mnama)
               B:refreshAll()
          case X=K_DEL
               if deleted()
                  recall
               else
                  delete
               endif
               tone(700,1)
               B:refreshcurrent()
          case X=K_ALT_P
               ProcPack()
               B:refreshcurrent()
   endcase
enddo
return

func Kursor(t,k)
do case
   case k=K_UP
     t:up()
   case k=K_DOWN
     t:down()
   case k=K_LEFT
     t:left()
   case k=K_RIGHT
     t:right()
```

```
   case k=K_CTRL_LEFT
     t:panleft()
   case k=K_CTRL_RIGHT
     t:panright()
   case k=K_PGUP
     t:pageup()
   case k=K_PGDN
     t:pagedown()
   case k=K_CTRL_PGUP
     t:goTop()
   case k=K_CTRL_PGDN
     t:goBottom()
   case k=K_HOME
     t:home()
   case k=K_END
     t:end()
   case k=K_CTRL_HOME
     t:panhome()
   case k=K_CTRL_END
     t:panEnd()
   case k=K_TAB
     t:panRight()
   case k=K_SH_TAB
     t:panLeft()
   otherwise
     return .F.
endcase
return .T.

FUNCTION CrJenis
local MScreen, MColor:=setcolor(), X:=1
save screen to MScreen
do kotak with 10,15,12,65,"w+/r"
setcursor(1)
Mjenis:=space(30)
@11,20 say "Jenis : " get MJenis pict "@S20!"
read
setcursor(0)
set order to 1
Mjenis:=trim(Mjenis)
dbseek(MJenis)
//do while .not. found() .and. x<=len(MJenis)
//   dbseek(left(MJenis, len(MJenis)-x))
//   x++
//enddo
rest screen from MScreen
setcolor(Mcolor)
```

```
return

FUNCTION CrNama
local MScreen, MColor:=setcolor(), X:=1
save screen to MScreen
do kotak with 10,15,12,65,"w+/r"
setcursor(1)
Mnama:=Space(30)
@11,20 say "Nama : " get Mnama pict "@S20!"
read
setcursor(0)
set order to 2
Mnama:=trim(Mnama)
dbseek(MNama)
do while .not. found() .and. x<=len(MNama)
   dbseek(left(MNama, len(MNama)-x))
   x++
enddo
rest screen from MScreen
setcolor(Mcolor)
return

static func Hari()
local JmHari
JmHari:=TglSelesai-TglMulai
return jmHari

Proc ProcPack
local MScreen:=SaveScreen(), MColor:=Setcolor()
local Apil:={" Pack " , " Batal "}, Pil
Pil:=Alert("Anda betul mau mem-Pack...",Apil)
if Pil=1
   do kotak with 10,20,12,60,"gr*+/r"
   @ 11,25 say "Tunggu sedang mem-Pack!"
   Pack
endif
restscreen(0,0,24,79,MScreen)
setcolor(Mcolor)
return

func AtasBlock(kunci)
return ({||dbseek(kunci)})

func BawahBlock(kunci)
return ({||xNextkey(kunci)})

func xNextkey(kunci)
```

```
do while &(indexkey(0))=kunci
   skip
enddo
skip-1
return nil

func xskipBlock(kunci)
return ({|nMove| keySkipper(nMove,kunci)})

func keySkipper(nMove, kunci)
local nMoved:=0
if nMove==0
   skip 0
elseif nMove>0 .and. recno() != lastrec()+1
   // majukan pointer
   do while nMoved<=nMove .and. ! eof() .and.
&(indexkey(0))=kunci
      skip
      nMoved++
   enddo
   skip -1
   nMoved --
elseif nMove<0
   // mundurkan pointer
   do while nMoved>=nMove .and. ! bof() .and.
&(indexkey(0))=kunci
      skip -1
      nMoved --
   enddo
   if ! bof()
      skip
   endif
   nMoved++
endif
return(nMoved)
```