

```
; PROGRAM TO ACT AS SORT OF A MINI-DOS      VERSION 1.0
; DENNIS NEWTON      --  9/27/83
```

```
BYTE RTS=[ $60 ],BANK=$D500
```

```
BYTE ARRAY FNAME(50) ; USED BY ALL ROUTINES
```

```
;*****
```

```
PROC GETFNAME(BYTE ARRAY PROMPT) ; GETS AND FORMATS FILE NAME INTO FNAME
  BYTE ARRAY FN1(25),FN2(25) ; LOCAL FILE NAMES FOR BUILDING FNAME
```

```
  PRINT(PROMPT) : INPUTS(FN1)
  IF FN1(0)=0 THEN ; NO NAME TYPED
    SCOPY(FNAME,"D:*.*)" ; SUBSTITUTE DEFAULT
  ELSE
    IF FN1(2) #' : AND FN1(3) #' : THEN
      SCOPY(FN2,"D:")
      SASSIGN(FN2,FN1,3,25)
      SCOPY(FN1,FN2)
    FI
    SCOPY(FNAME,FN1)
  FI
  PUTE()
RETURN
```

```
;*****
```

```
PROC DIR()
  BYTE ARRAY BUFFER(40)

  GETFNAME("DIR: ")
  GRAPHICS(0)
  OPEN(3,FNAME,6,0)
  DO
    INPUTSD(3,BUFFER)
    PRINT(BUFFER): PRINT("  ")
  UNTIL EOF(3) : OD
  PUTE()
RETURN
```

```
;*****
```

```
PROC CIO(BYTE CMD, BYTE ARRAY NAME)

  XIO(3,0,CMD,0,0,NAME)
RETURN
```

```
;*****
```

```
PROC RENAME()

  GETFNAME("RENAME: ")
  CIO(32,FNAME)
RETURN
```

```
;*****
```

```
PROC ERASE( )
```

```
    BYTE ANS  
    BYTE ARRAY FTEMP(25)
```

```
    GETFNAME("ERASE: ")  
    SCOPY(FTEMP,FNAME)  
    IF SCOMPARE(FTEMP,"D:*.*") = 0 THEN  
        PRINT("}ERASE ALL FILES? ARE YOU SURE?")  
        ANS=GETD(2)  
        IF ANS # 'Y THEN : RETURN : FI
```

```
    FI  
    CIO(33,FNAME)
```

```
RETURN
```

```
;*****
```

```
PROC PROTECT( )
```

```
    GETFNAME("PROTECT: ")  
    CIO(35,FNAME)
```

```
RETURN
```

```
;*****
```

```
PROC UNPROTECT( )
```

```
    GETFNAME("UNPROTECT: ")  
    CIO(36,FNAME)
```

```
RETURN
```

```
;*****
```

```
PROC FORMAT( )
```

```
    BYTE ANS
```

```
    PRINTE("FORMAT: }ARE YOU SURE? ")  
    ANS=GETD(2)  
    IF ANS='Y THEN  
        PRINT("INSERT CORRECT DISK AND PRESS ANY KEY")  
        ANS=GETD(2)  
        CIO(254,"D:*.*")
```

```
    FI
```

```
RETURN
```

```
;*****
```

```
PROC TYPETEXT( )
```

```
    BYTE CH,KBD=764,DEVICE
```

```
    CLOSE(4)  
    GETFNAME("TYPE: ")  
    PRINT("TO PRINTER ALSO (Y/N)? ") : DEVICE=GETD(2)  
    IF DEVICE='Y THEN
```

```
        OPEN(4,"P:",8,0)
```

```
    FI
```

```
    GRAPHICS(0)  
    OPEN(3,FNAME,4,0)
```

```
    DO
```

```
        CH=GETD(3)
```

```
IF DEVICE='Y THEN : PUTD(4,CH) : FI
PUT(27) : PUT(CH)
IF KBD # 255 THEN : KBD = 255 : EXIT : FI
UNTIL EOF(3) : OD
PUTE():CLOSE(4)
RETURN
```

```
;*****
```

```
PROC WAIT() ; WAIT FOR KEY PRESS
BYTE DUMMY
```

```
PUTE() : PRINTE("ANY KEY TO RETURN TO MENU")
DUMMY=GETD(2)
RETURN
```

```
;*****
```

```
PROC MENU()
```

```
GRAPHICS(1)
CLOSE(3)
PRINTDE(6,"action mini dos")
PRINTDE(6," ")
PRINTDE(6,"CHOOSE ONE OF THE FOLLOWING:") : PRINTDE(6," ")
PRINTDE(6," directory")
PRINTDE(6," rENAME")
PRINTDE(6," eRASE")
PRINTDE(6," pROTECT")
PRINTDE(6," uNPROTECT")
PRINTDE(6," fORMAT DISK")
PRINTDE(6," tYPE TEXT FILE")
PRINTDE(6," EXIT TO ACTION!")
RETURN
```

```
;*****
```

```
PROC ADOS() ; MAIN CONTROL ROUTINE
```

```
BYTE CHOICE,LMRGN=82
BANK=0 : LMRGN=0 : CLOSE(2) : OPEN(2,"K:",4,0)
DO
MENU()
CHOICE=GETD(2)
IF CHOICE='D THEN : DIR() : WAIT()
ELSEIF CHOICE='R THEN : RENAME()
ELSEIF CHOICE='E THEN : ERASE()
ELSEIF CHOICE='P THEN : PROTECT()
ELSEIF CHOICE='U THEN : UNPROTECT()
ELSEIF CHOICE='F THEN : FORMAT()
ELSEIF CHOICE='T THEN : TYPETEXT() : WAIT()
FI
CLOSE(3)
UNTIL CHOICE='X : OD
GRAPHICS(0) : CLOSE(2)
RETURN
```