

file.asm

creating & deleting files



3) • model small
display macro msg
lea dx, msg
mov AH, 09H
int 21H
endm

• data

msg1 db 0DH, 0AH, "enter the file name for
creation: \$"

msg2 db 0DH, 0AH, "file created successfully \$"

msg3 db 0DH, 0AH, "creation failed \$"

msg4 db 0DH, 0AH, "enter filename for deletion \$"

msg5 db 0DH, 0AH, "deleted successfully \$"

msg6 db 0DH, 0AH, "deletion failed \$"

Fname1 db 10 dup(0)

Fname2 db 10 dup(0)

• code

mov AX, @data

mov DS, AX

disp msg1

mov SI, 00

BACK1: mov AH, 01H

int 21H

cmp AL, 0DH

JE next1

mov Fname1[SI], AL

INC SI

jmp back1

```

NEXT1: mov FNAME1[SI], '$'
      lea dx, FNAME1
      mov cx, 00
      mov AH, 3CH
      int 21H
      Jc cFail
      disp msg2
      jmp del
      cFail: disp msg3
      del: disp msg4
      mov SI, 00
      back2: mov ah, 01H
             int 21H
             cmp AL, 0DH
             JF next2
             mov FNAME2[SI], AL
             INC SI
             jmp back2
      next2: mov FNAME2[SI], '$'
             lea dx, FNAME2
             mov AH, 41H
             int 21H
             Jc dFail
             Disp msg5
             jmp Last
      dFail: disp msg6
      Last: mov AH, 4CH
             int 21H
      end.

```

DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: ...

Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

LINK : warning L4021: no stack segment

C:\MASM>file

enter the file name to be created:ss

file created successfully

enter the file name file deletion:ss

file deleted successfully

C:\MASM>file

enter the file name to be created:aa

file created successfully

enter the file name file deletion:qq

deletion failed