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LAB-7

• MODEL SMALL

DISP MACRO MSG

LEA DX, MSG

MOV AH, 09H

INT 21H

ENDM

• DATA

MSG 1 DB 0DH, 0AH, "ENTER THE FILE NAME FOR
CREATION :- \$"

MSG 2 DB 0DH, 0AH, "FILE CREATED SUCCESSFULLY \$"

MSG 3 DB 0DH, 0AH, "CREATION FAILED \$"

MSG 4 DB 0DH, 0AH, "ENTER THE FILE NAME FOR
DELETION :- \$"

MSG 5 DB 0DH, 0AH, "FILE DELETED SUCCESSFULLY \$"

MSG 6 DB 0DH, 0AH, "DELETION FAILED \$"

FNAME 1 DB 10 DUP(0)

FNAME 2 DB 10 DUP(0)

• CODE

MOV AX, @DATA

MOV DS, AX

DISP MSG 1

MOV SI, 00

BACK 1: MOV AH, 01H

INT 21H

CMP AL, 0DH

JE NEXT 1

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```
MOV FNAME1[SI], AL ; FNAME1[00] = 'B'
                        FNAME1[01] = 'M'
INC SI ; SI=01 ; SI=02
JMP BACK 1
```

```
NEXT 1: MOV FNAME[SI], '$' ; FNAME[05] = '$'
LEA DX, FNAME1
MOV CX, 00
MOV AH, 3CH ; INTERRUPT FOR FILE CREATION
INT 21H
JC CFAIL ; IF CF=0, file created successfully
           IF CF=1 file not created
DISP MSG 2
JMP DEL
```

```
CFAIL: DISP MSG 3
```

```
DEL: DISP MSG 4
MOV SI, 00
```

```
BACK 2: MOV AH, 01H
INT 21H
CMP AL, 00H
JE NEXT 2
MOV FNAME2[SI], AL
INC SI
JMP BACK 2
```

```
NEXT 2: MOV FNAME2[SI], '$'
LEA DX, FNAME2
MOV AH, 41H ; Interrupt for file deleting
INT 21H
JC DFAIL
```


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DISP MSG5

JMP LAST

DFAIL : DISP MSG6

LAST : MOV AH, 4CH
INT 21H

END