MP LAB

LAB PROGRAM - 6

```
        . MODEL  SMALL
        DISP  MACRO  MSG
        LEA   DX, MSG
        MOV   AH, 09H
        INT   21H
        ENDM


        . DATA
    MSG1  DB  ODH, OAH, " ENTER THE  FILE NAME
                            FOR  CREATION :- $"
    MSG2  DB  ODH, OAH, "FILE CREATED SUCCESSFULLY $"
    MSG3  DB  ODH, OAH, " CREATION  FAILED $"
    MSG4  DB  ODH, OAH, " ENTER  THE  FILE  NAME
                          FOR  DELETION :- $"
    MSG5  DB  ODH, OAH, " FILE  DELETED  SUCCESSFULLY $"
    MSG6  DB  ODH, OAH, " DELETION  FAILED $"
    FNAME1  DB  10  DUP (0)
    FNAME2  DB  10  DUP (0)


        . CODE
        MOV  AX, @ DATA
        MOV  DS, AX


        DISP  MSG1

        MOV  SI, 00
```

```asm
BACK1 :  MOV  AH, 01H    ;  FILENAME  FOR  CREATIONS
                            IS  BMSCE

         INT  21H
         CMP  AL, 0DH
         JE   NEXT1

    MOV  FNAME1 [SI], AL   ; FNAME1 [00] = 'B',
                             FNAME1 [01] = 'M'
         INC  SI    ;  SI = 01 , SI = 02
         JMP  BACK1

NEXT1:  MOV  FNAME1 [SI], '$'  ;
                         FNAME [05] = '$'

        LEA  DX, FNAME1
        MOV  CX, 00  ; CREATE A READ ONLY FILE -
                       CX REGISTER WILL MENTION
                           YOUR  FILE
        MOV  AH, 3CH  ; INTERRUPT FOR FILE
                           CREATION

        INT  21H
        JC   CFAIL   ; IF CF = 0, THEN FILE
                       CREATED SUCCESSFULLY ELSE IF
                          CF = 1 RIE FILE NO

        DISP  MSG2
        JMP   DEL
CFAIL :  DISP  MSG3
DEL :     DISP MSG4
              MOV SI, 00
```

```
BACK2  :   MOV AH, 01H
           INT 21H
           CMP AL, 0DH
           JE NEXT2
           MOV FNAME2[SI], AL
           INC SI
           JMP BACK2


NEXT2  :   MOV FNAME2[SI], '$'
           LEA DX, FNAME2
           MOV AH, 41H  ; INTERRUPT FOR
                          FILE DELETION
           INT 21H
           JC DFAIL
           DISP MSG5
           JMP LAST
-DFAIL :   DISP MSG6

LAST   :   MOV AH 4CH
           INT 21H
           END
```