Lab-7

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

.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 FAILE D$"

MSG 4  DB 0DH , 0AH , "ENTER THE FILE NAME
                      FOR DELETION :- $"
MSG 5  DB 0DH , 0AH , "FILE DELETED
                      SUCCESS FULLY $ "
MSG 6  DB  0DH, 0AH , " DELETION FAILE D$"
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  NEXT1

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

NEXT 1 :  MOV FNAME 1 [SI], 'S' ; FNAME1
                                   [05] = 'S'

          LEA DX, FNAME 1
          MOV CX, 00
          MOV AH, 3CH ; INTERUPT FOR FILE Creation
          INT 21H
          JC CFAIL ; IF CF = 0 file created succesfully
                   ; IF CF = 1 file not created

          DISP MSG 2
          JMP DEL

CFAIL :   DISP MSG 3

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

```asm
BACK 2   :  MOV  AH, 01H
            INT  21H
            CMP  AL, 00H
            JE   NEXT2
            MOV  FNAME 2 [SI], AL
            INC  SI
            JMP  BACK 2

NEXT 2:     MOV  FNAME 2 [SI], '$'
            LEA  DX, FNAME2
            MOV  AH, 41H  ; Interrupt for file deletion

            INT  21H
            JC   DFAIL
            DISP MSG 5
            JMP  LAST

DFAIL   :   DISP MSG 6

LAST    :   MOV  AH, 4CH
            INT  21H

END
```