LAB program-10

IBM19CS168
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3rd sem D' secto.
Swetha

```
. model small
  disp 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 the file name for
                     deletion:$"
  msg5 db 0dh, 0ah, " file 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, 00h

  Back1: mov ah,01h          ; Filename for Creation
         int 21h                    is BMSCE
         cmp al, 0dh
         je next 1
```

```asm
        mov     fname1[si], al    ; fname[00] = 'B', fname
        inc si
                          ; si = 01, si = 02
        jmp back1

next1 : mov  fname 1[si] ; '$'  ; fname1[05]
                                  ; fname[06] = '$'
        lea  dx, fname1
        mov  cx, 00    ; create a read only
; interrupt for file creation  file -cx register
        mov ah, 3ch    ; will mention your
        int 21h                  ; type A)
        jc  cfail      ; if CF=0, then file
        disp msg2        created successfully, else if
        jmp del          CF=1, file not created

cfail : disp msg3
del :: disp msg4
        mov si, 00
Back2 : mov ah, 01h
        int  21h
        cmp  al, 0dh
        je   next2
        mov     fname[si], al
        int  si
        jmp backz

next2 : mov  fname2 [si], '$'
        lea  dx, fname 2
        mov  ah, 41h
        int  21h     ; interrupt for file
        jc  dfail      ; deletion
        disp  msg5
        jmp  last
```

```
dfail: disp msg6
last :    mov ah, 4ch
          int 21h
          end
```