

MP-MC LAB PROG 7

Date 17/11/20
Page

Name - Vedika Dalmia, USN - 1BM19CS181

→ WAP to create a file and then delete it

• 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, 00

BACK1: MOV AH, 01H ; FILENAME FOR CREATION IS BMSCE

INT 21H

CMP AL, 0DH

JE NEXT1

MOV FNAME1[SI], AL ; FNAME1[00] = 'B', FNAME[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.
MOV AH, 3CH ; Interrupt for file creation
INT 21H.
JC CFAIL ; IF CF=0, then file was created successfully
 else if CF=1 file creation unsuccessful
DISP MSG2
JMP DEL

CFAIL: DISP MSG3

DEL: DISP MSG4
MOV SI, 00

BACK2: MOV AH, 01H ; Reading filename
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.