

Yashwanth Kiran.S

1BM19CS187 '30' Batch - 2

LAB 7

Date: 17/11/2020

.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

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MOV SI, 00

BACK1: MOV AH, 01H ; ~~FILENAME~~ FOR ER

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], '\$' ; FNAME1[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 MSG2

JMP DEL

CFAIL: DISP MSG3

DEL: DISP MSG4

MOV SI, 00

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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~~ 41H ; Interrupt for file deletion

INT 21H

JC DFAIL

DISP MSG5

JMP LAST

DFAIL: DISP MSG6

LAST: MOV AH, 4CH

INT 21H

END