

17/11/2020  
LAB PROGRAM-6

Q. File Creation and Deletion.

A. • 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 FILENAME FOR DELETION: - \$"

MSG5 DB 0DH, 0AH, "FILE DELETED SUCCESSFULLY \$"

MSG6 DB 0DH, 0AH, "DELETION FAILED \$"

~~FILENAME1~~ DB 10 DUP(0)

~~FILENAME2~~ DB 10 DUP(0)

• CODE

MOV AX, @DATA

MOV DS, AX

DISP MSG1

MOV SI, 00

BACK1: MOV AH, 01H

INT 21H

CMP AL, 0DH

JE NEXT1

MOV ~~FILENAME1~~[SI], AL

17/11/2020

INC SI

JMP BACK1

NEXT1: MOV FNAME1[SI], '{'

LEA DX, FNAME1

MOV CX, 00

MOV AH, 3CH

INT 21H

JC CFAIL

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

INT 21H

JC DFAIL

DISP MSG5

JMP LAST

DFAIL: DISP MSG6

JOEL NINAN JOHNSON  
IBM19CS199

classmate

Date \_\_\_\_\_

Page \_\_\_\_\_

17/11/2020

LAST: MOV AH, 4CH  
INT 21H

END