

LAB) 5

FILE CREATION &

9/11/2020

(PROG10)

Asm

FILE DELETION

• Model Small

DISP MACRO MSG

LEA DX, MSG

MOV AH, 09H

INT 21H

ENDM

• Data

MSG1 DB 0DH, 0AH, "Enter the file for Creation: - \$"

MSG2 DB 0DH, 0AH, "File Created Successfully \$"

MSG3 DB 0DH, 0AH, "Enter the file Name for  
Deletion: - \$"

MSG4 DB 0DH, 0AH, "Creation failed \$"

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

INT 21H

CMP AL, 0DH

JE NEXT1

MOV FNAME1[SI], AL

INC SI

JMP BACK1

82  
NEXT1: MOV FNAME1[SI], '\$'  
LEA DX, FNAME1  
MOV CX, 00

MOV AH, 3CH ; file Creation  
INT 21H interrupt

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 ; file  
INT 21H deletion

JC ~~DE~~ DFAIL  
DISP MSG5  
JMP LAST

DFAIL: DISP MSG6

LAST: MOV AH, 4CH

INT 21H  
END