

# LAB-10 Creation & Deletion of a File:

```
MODEL SMALL  
DISP MACRO MSG  
    LEA BX, MSG  
    MOV AH, 09H  
    INT 21H  
ENDM
```

## DATA

```
MSG1 DB 0DH, 0AH, "ENTER the file name  
to be created $"  
MSG2 DB 0DH, 0AH, "Creation Successful"  
MSG3 DB 0DH, 0AH, "Enter the file name  
to be deleted $"  
MSG4 DB 0DH, 0AH, "Creation Failed $"  
MSG5 DB 0DH, 0AH, "Deletion successful"  
MSG6 DB 0DH, 0AH, "Deletion unsuccessful"  
FNAM1 DB 10 DUP(0)  
FNAM2 DB 10 DUP(0)
```

## CODE

```
MOV AX, 0DA2H  
MOV DS, AX  
LI: MOV AH, 01H ; takes only one character  
    INT 21H ; from user  
CMP AL, 0DH  
JNE NEXT1  
MOV [SI], AL  
INC SI  
JMP LI
```

```

NEXT 1: MOV(SI), BYTE PTR ($)
        LEA DX, FNAME1
        XOR CX, CX
        MOV AH, 3CH
        INT 91H
        JC CFAIL
        DISP MSG2
        JMP DEL
    
```

```

CFAIL: DISP MSG3
DEL 2: LEA SI, FNAME2
        DISP MSG4
    
```

```

L2: MOV AH, 01H
    INT 91H
    CMP AL, 0DAH
    JS NEXT2
    MOV(CSI), AL
    INC SI
    JMP L2
    
```

```

NEXT 3: MOV(SI), BYTE PTR ($)
        LEA DX, FNAME2
        MOV AH, 41H
        INT 91H
        JC DFAIL
        DISP MSG5
        JMP FINAL
    
```

```

DFAIL: DISP MSG6
    
```

```

FINAL: MOV AH, 4CH
        INT 91H
        END
    
```





DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Progra...



Microsoft (R) Macro Assembler Version 5.00

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51612 + 464932 Bytes symbol space free

0 Warning Errors

0 Severe Errors

C:\MASM>link FILECREA.OBJ::

Microsoft (R) Overlay Linker Version 3.60

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LINK : warning L4021: no stack segment

C:\MASM>FILECREA

Enter the filename for creation: Balaji

File Created Successfully:

Enter the filename for deletion: Balaji

File Deleted Successfully:

C:\MASM>