

To create a file and to delete an existing file

```
• model small
disp macro msg
lea dx, msg
mov ah, 09H
int 21H
```

```
endm
```

```
• data
```

```
msg1 db 0dh, 0ah, "Enter file name to be created"
msg2 db 0dh, 0ah, "Creation successful $"
msg3 db 0dh, 0ah, "Creation failed $"
msg4 db 0dh, 0ah, "Enter file name to be deleted"
msg5 db 0dh, 0ah, "deletion successful $"
msg6 db 0dh, 0ah, "deletion failed $"
fname1 db 10 dup(0)
fname2 db 10 dup(0)
```

```
• code
```

```
mov ax, @data
mov ds, ax
lea si, fname1
disp msg1
L1: mov ah, 01H
    int 21H
    cmp al, 0dh
    je next1
    mov [si], al
    inc si
```

```
jmp L1
```

```
next1: mov [si], byte ptr '$'
        lea dx, fname1
        mov cx, 00H
```



```

mov ah, 3ch
int 21h
jc cfail
display msg2
jmp del
cfail: disp msg4
L2: mov ah, 01h
int 21h
cmp al, 0dh
je next2
mov [si], al
inc si
jmp L2
next2: mov [si], byte ptr '$'
lea dx, fname2
mov ah, 41h
int 21h
jc Dfail
disp msg5
jmp final
Dfail: disp msg6
final: mov ah, 4ch
int 21h
end

```

DOSBox Status Window

DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip: 0, Program: DOSBOX

C:\MASM>link newfile.;

Microsoft (R) Overlay Linker Version 3.60

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LINK : warning L4021: no stack segment

C:\MASM>newfile

ENTER THE FILE NAME TO BE CREATED lalaland

CREATION SUCCESSFUL

ENTER THE FILE NAME TO BE DELETION lalaland

DELETION SUCCESSFUL

C:\MASM>newfile

ENTER THE FILE NAME TO BE CREATED bmsce

CREATION SUCCESSFUL

ENTER THE FILE NAME TO BE DELETION bmsce

DELETION SUCCESSFUL

C:\MASM>