FILECREA.ASM
C:\masm

DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Pr... — □ ✕

Microsoft (R) Macro Assembler Version 5.00
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  51650 + 464894 Bytes symbol space free

       0 Warning Errors
       0 Severe Errors

C:\MASM>link filecrea;;

Microsoft (R) Overlay Linker Version 3.60
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LINK : warning L4021: no stack segment

C:\MASM>filecrea

ENTER THE FILE NAME TO BE CREATED dd

CREATION SUCCESSFUL
ENTER THE FILE NAME TO BE DELETION dd

DELETION SUCCESSFUL
C:\MASM>

DOSBox ve
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CONFIG:Lo
l\DOSBox\
MIDI:Open

File creation & deletion

```asm
.model small

DISP MACRO MSG
    LEA DX, MSG
    MOV AH, 09H
    INT 21H
ENDM

.DATA

MSG1   Db   0dh, 0Ah, "Enter the file name to be created $"
msg2   db   0dh, 0Ah, "Creation Sucessfull $"
msg3   db   0dh, 0Ah, "Creation failed $"
msg4   db   0dh, 0Ah, "Enter the file name to be deleted $"
msg5   db   0dh, 0Ah, "Deletion Sucessful $"
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 NEX1
     mov [SI], AL
     INC SI

JMP L1

NEX1 :   MOV [SI] , BYTE PTR '$'
         LEA DX, FNAME1
         XOR CX,CX
         MOV AH , 3CH
         INT 21H
         Jc CFAIL
         DISP NSG2
         JMP DEL

CFAIL :  DISP MSG3

DEL :  LEA  SI, FNAME2
DISP  MSG 4

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, ENAME2
         MOV AH, 4H
         INT 21H

         JC DFAIL
         DISP MSG5
         JMP FINAL

DFAIL :  DISP MSG 6

FINAL :  MOV AH, 4CH
         INT 21H
         END
```