```asm
;PROGRAM TO CREATE OR DELETE FILES

.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 FILE NAME FOR DELETION : $"
MSG5 DB 0DH,0AH,"FILE DELETED SUCCESSFULLY$"
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

NEXT1:
MOV FNAME1[SI],'$'
LEA DX,FNAME1
MOV CX,00
MOV AH,3CH ;FILE CREATION INTERRUPT
```

```asm
        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 CX,00
        MOV AH,41H ;FILE DELETION INTERRUPT
        INT 21H
        JC DFAIL
        DISP MSG5
        JMP LAST


DFAIL:
        DISP MSG6


LAST:
        MOV AH,4CH
        INT 21H


        END
```
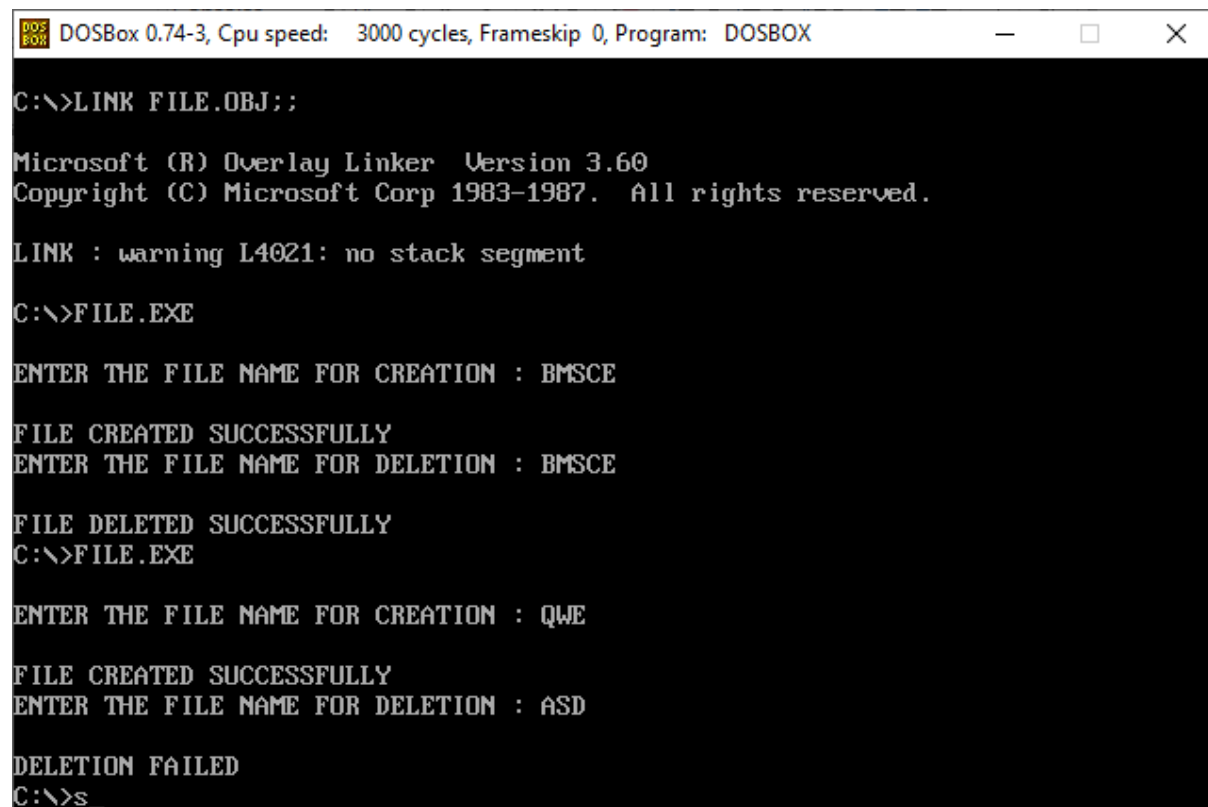
OUTPUT:

```
DOSBox 0.74-3, Cpu speed:   3000 cycles, Frameskip 0, Program:  DOSBOX        —    □    ×

C:\>LINK FILE.OBJ;;

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

C:\>FILE.EXE

ENTER THE FILE NAME FOR CREATION : BMSCE

FILE CREATED SUCCESSFULLY
ENTER THE FILE NAME FOR DELETION : BMSCE

FILE DELETED SUCCESSFULLY
C:\>FILE.EXE

ENTER THE FILE NAME FOR CREATION : QWE

FILE CREATED SUCCESSFULLY
ENTER THE FILE NAME FOR DELETION : ASD

DELETION FAILED
C:\>s_
```

```
; TO DISPLAY SYSTEM TIME IN STANDARD FORMAT
.MODEL SMALL
DISPLAY MACRO MSG
LEA DX,MSG
MOV AH,09H
INT 21H
ENDM

.DATA
TIMESTR DB 020H DUP(?)
MSG1 DB "CURRENT TIME :: $"

.CODE
START:
MOV AX,@DATA
MOV DS,AX
```

```
;CLEAR SCREEN
MOV AH,00H
MOV AL,03H
INT 10H


AG:
;SET PARTICULAR LOCATION FOR THE CLOCK
MOV BH,00H
MOV DH,01H
MOV DL,01H
MOV AH,02H
INT 10H


MOV SI,OFFSET TIMESTR
MOV AH,2CH ;INTERRUPT FOR GETTING SYSTEM TIME
INT 21H


MOV AL,CH ;CH-HOUR CL-MIN DH-SEC
AAM
ADD AX,3030H
MOV [SI],AH
INC SI
MOV [SI],AL
INC SI
MOV [SI],BYTE PTR':'
INC SI


MOV AL,CL ;CH-HOUR CL-MIN DH-SEC
AAM
ADD AX,3030H
MOV [SI],AH
INC SI
MOV [SI],AL
INC SI
MOV [SI],BYTE PTR':'
INC SI


MOV AL,DH ;CH-HOUR CL-MIN DH-SEC
AAM
```

```
ADD AX,3030H
MOV [SI],AH
INC SI
MOV [SI],AL
INC SI
MOV [SI],BYTE PTR'$'

DISPLAY MSG1
DISPLAY TIMESTR

;CHECK FOR KEYBOARD STATUS
;IF KEY IS PRESSED, TERMINATE THE PROGRAM
MOV AH,0BH
INT 21H
CMP AL,00H
JE AG

FINAL:
MOV AH,4CH
INT 21H

END START
```
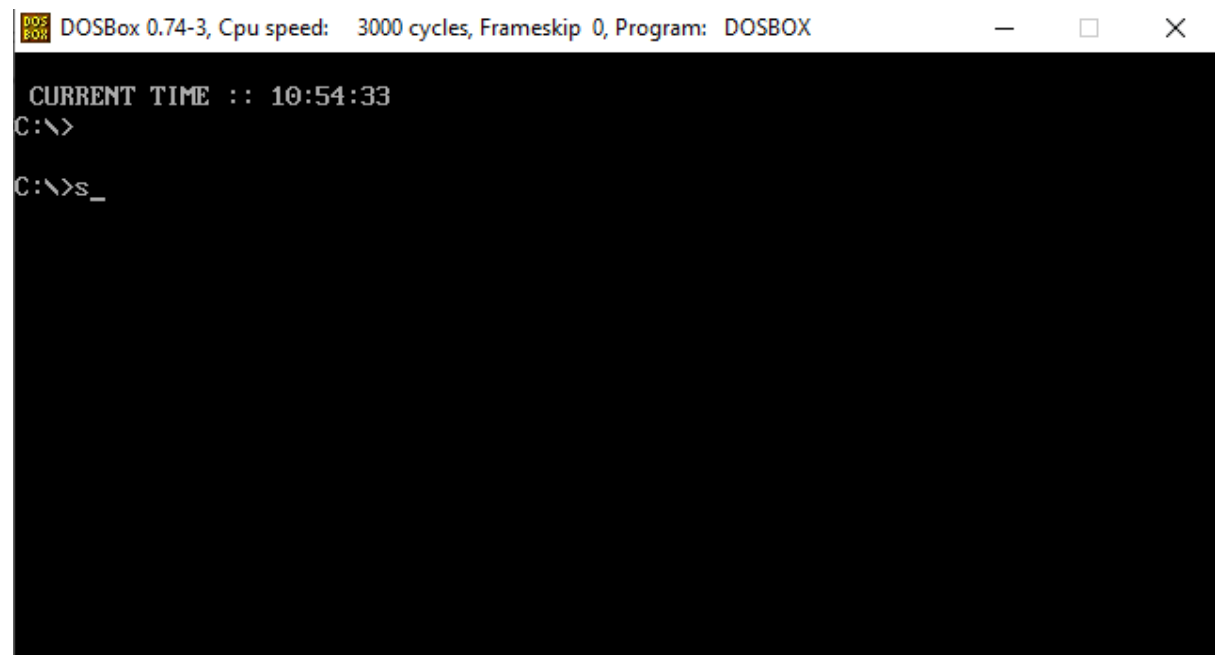
OUTPUT: