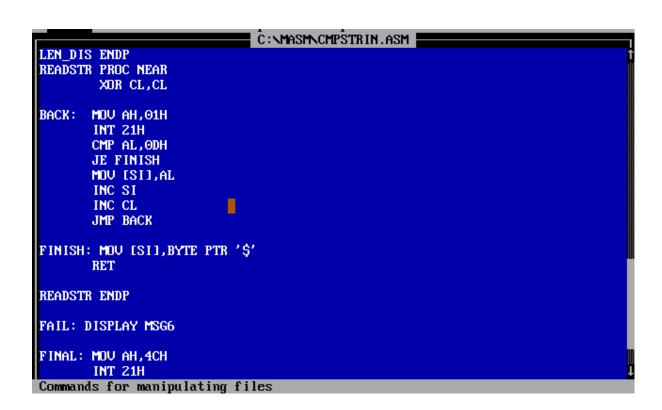
```
File Ddit Search View Options Help
                                                  C:\MASM\CMPSTRIN.ASM
  MODEL SMALL
 DISPLAY MACRO MSG
               LEA DX, MSG
               MOV AH, 09H
                INT 21H
 ENDM
 .DATA
MSG1 DB ODH, OAH, "ENTER THE FIRST STRING$"
MSG2 DB ODH, OAH, "ENTER THE SECOND STRING$"
MSG3 DB ODH, OAH, "LENGTH OF THE FIRST STRING:$"
MSG4 DB ODH, OAH, "LENGTH OF THE SECOND STRING$"
MSG5 DB ODH, OAH, "---STRING ARE EQUAL----:$"
MSG6 DB ODH, OAH, "---STRING ARE NOT EQUAL----:$"
 STRING1 DB 80H DUP(?)
 STRING2 DB 80H DUP(?)
  .CODE
 START: MOV AX,@DATA
             MOU DS, AX
Commands for manipulating files
```

```
File Edit Search View Options Help
                             C:\MASM\CMPSTRIN.ASM
       DISPLAY MSG1
       MOV SI, OFFSET STRING1
       CALL READSTR
       MOV BL,CL
       DISPLAY MSG2
       MOV SI, OFFSET STRING2
       CALL READSTR
       PUSH BX
       PUSH CX
       DISPLAY MSG3
       MOV AL, BL
       CALL LEN_DIS
       POP CX
POP BX
       CMP CL,BL
       JNE FAIL
       MOV SI, OFFSET STRING1
       MOV DI, OFFSET STRING2
       CLD
     MOV AL, [SI]
CHK:
      CMP AL, [DI]
```

```
File Edit Search View Options Help
                              C:\MASM\CMPSTRIN.ASM
       JNE FAIL
      INC SI
INC DI
DEC CL
JNZ CHK
       DISPLAY MSG5
       JMP FINAL
LEN_DIS PROC NEAR
         XOR AH,AH
         ADD AL,00H
         AAM
         ADD AX,3030H
         MOV BH,AL
         MOV DL,AH
         MOV AH, 02H
         INT 21H
         MOV DL,BH
         MOV AH, 02H
         INT 21H
RET
Commands for manipulating files
```



```
READSTR ENDP

FAIL: DISPLAY MSG6

FINAL: MOU AH, 4CH
   INT 21H

END START

Commands for manipulating files

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51598 + 464946 Bytes symbol space free

0 Warning Errors
0 Severe Errors
```

Microsoft (R) Overlay Linker Version 3.60 Copyright (C) Microsoft Corp 1983–1987. All rights reserved.

C:\MASM>LINK CMPSTRINGS::

ENTER THE FIRST STRING GUN

ENTER THE SECOND STRING GUN

LENGTH OF THE FIRST STRING:04 ----STRING ARE EQUAL-----:

C:\MASM>CMPSTRINGS

C:\MASM>\_

LINK : warning L4021: no stack segment

