

```

01
02 ;THIS IS AN EXAMPLE WHERE STRING TYPE DATA WILL BE TAKEN
03
04
05 .MODEL SMALL
06 .STACK 100H
07
08 .DATA
09
10     CA01 DB 'THIS IS OUR CAO, LAB$'    ;DATA BYTE
11     CA02 DB 'HELLO EVERYONE$',
12     |
13
14 .CODE
15
16     MAIN PROC
17
18     MOV AX, @DATA        ;INITIALIZE THE DS
19     MOV DS, AX
20
21
22     LEA DX, CA01         ;LOAD AND DISPLAY THE STRING
23     MOV AH, 9
24     INT 21H
25
26
27     MOV AH, 2            ;CARRIAGE RETURN NEW LINE
28     MOV DL, 0DH
29     INT 21H
30
31
32     MOV DL, 0AH         ;LINE FEED AND NEXT LINE PRINT
33     INT 21H
34
35
36     LEA DX, CA02
37     MOV AH, 9
38     INT 21H
39
40
41
42     MOV AH, 4CH          ;RETURN CONTROL TO THE OS
43     INT 21H
44
45
46     MAIN ENDP
47     END MAIN
48

```