**;Write a program to read the string using the character reading function and display the string using character displaying function.**

**TITLE READ FROM THE KEYBOARD**

**.MODEL SMALL**

**.DATA**

**STRLEN DB 20**

**STRSZ DB 00**

**STR DB 20 DUP('$')**

**STRTRM DB '$'**

**.STACK**

**.CODE**

**MAIN PROC FAR**

**MOV AX, @DATA**

**MOV DS, AX**

**;; READING STRING**

**LEA DX, STRLEN**

**MOV AH, 0AH**

**INT 21H**

**;; NEW LINE CHARACTER**

**MOV DL, 0DH**

**MOV AH, 02H**

**INT 21H**

**MOV DL, 0AH**

**MOV AH, 02H**

**INT 21H**

**;; WRITING STRING**

**LEA DX, STR**

**MOV AH, 09H**

**INT 21H**

**;; ENDING PROGRAM**

**MOV AX, 4C00H**

**INT 21H**

**MAIN ENDP**

**END MAIN**