

PROGRAM

READ MACRO X

MOV DX,OFFSET X

MOV AH,3FH

INT 21H

ENDM

DISPLAY MACRO X

MOV DX,OFFSET X

MOV AH,09H

INT 21H

ENDM

.MODEL SMALL

.STACK

.DATA

MSG1 DB 0AH,0DH,"ENTER THE STRING :\$"

MSG2 DB 0AH,0DH,"ENTER THE CHARACTER TO BE REPLACED :\$"

MSG3 DB 0AH,0DH,"ENTER THE CHARACTER TO BE REPLACED WITH : \$"

MSG4 DB 0AH,0DH," NEW STRING IS : \$"

STR1 DB 100 DUP("\$")

.CODE

START:

MOV AX,@DATA

MOV DS,AX

DISPLAY MSG1

READ STR1

DISPLAY MSG2

MOV AH,01H

INT 21H

MOV BL,AL

DISPLAY MSG3

MOV AH,01H

INT 21H

MOV CL,AL

MOV SI,00H

```

L0:      CMP STR1[SI],'$'
          JE L3

L1:      CMP STR1[SI],BL
          JE L2
          INC SI
          JMP L0

L2:      MOV STR1[SI],CL
          INC SI
          JMP L0

L3:      DISPLAY MSG1
          DISPLAY STR1
          MOV AH,4CH
          INT 21H

END START

```

OUTPUT

ENTER THE STRING : AMMU

ENTER THE CHARACTER TO BE REPLACED : M

ENTER THE CHARACTER TO BE REPLACED WITH : P

NEW STRING IS : APPU