**LAB - 06**

Q: Write a program to take input as a string and count the given character.

.dosseg

.model small

.stack 100h

.data

str1 db 16 dup ("$")

.code

main proc

mov ax,@data

mov ds,ax

mov si,offset str1

mov cl,0

U: mov ah,1

int 21h

mov [si],al

inc si

cmp al,"$"

jne U

mov ah,1

int 21h

mov di,offset str1

mov bl,al

U1:

mov al,[di]

inc di

cmp al,"$"

je ToEnd

cmp bl,al

je U2

jne U1

U2: inc cl

jmp U1

ToEnd:

mov ah,2

mov dl,cl

add dl,48

int 21h

mov ah,4ch

int 21h

main endp

end main