

Write a Program to Toggle each character in a string

Description

Get an input string from user and then convert the lower case of alphabets to upper case and all upper-case alphabets into lower case.

Input

Hello

Output

hELLO

C Program

```
#include<stdio.h>
#include<string.h>
int main()
{
    char str[50];
    int count;
    printf("Enter a String: ");
    scanf("%s",str);

    for (count = 0; str[count]!='\0'; count++)
    {
        if(str[count] >= 'A' && str[count] <= 'Z')
        {
            str[count] = str[count] + 32;
        }
        else if(str[count] >= 'a' && str[count] <= 'z')
        {
            str[count] = str[count] - 32;
        }
    }
}
```

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```
}  
printf("Toggoled string is: %s", str);  
return 0;  
}
```

C++ Program

```
#include<iostream>  
#include<string.h>  
using namespace std;  
int main()  
{  
    char str[50];  
    int count;  
    cout<<"Enter a string:";  
    cin>>str;  
    for (count = 0; str[count]!='\0'; count++)  
    {  
        if(str[count] >= 'A' && str[count] <= 'Z')  
        {  
            str[count] = str[count] + 32;  
        }  
        else if(str[count] >= 'a' && str[count] <= 'z')  
        {  
            str[count] = str[count] - 32;  
        }  
    }  
    cout<<"Toggoled string is: "<<str;  
    return 0;
```

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```
}
```

Java

```
import java.util.Scanner;

public class Main {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter a String : ");

        String str = sc.nextLine();

        String s1 = "";

        for (int i = 0; i < str.length(); i++) {

            if (Character.isUpperCase(str.charAt(i)))

                s1 = s1 + Character.toLowerCase(str.charAt(i));

            else

                s1 = s1 + Character.toUpperCase(str.charAt(i));

        }

        System.out.println("Toggle String : " + s1);

    }

}
```

Python

```
str1 = input("Enter a string: ")

print("Toggled String : ", str1.swapcase())
```