

Lab programs: (w/o using string functions)

1. Python Program to check whether the input string is palindrome.

PROGRAM:

```
string=input("Enter a string")
if(string==string[::-1]):
    print("The string is a palindrome")
else:
    print("Thr string is not a palindrome")
```

OUTPUT:

Enter a string computer program

The string is not a palindrome

Enter a stringdad

The string is a palindrome

2. Reverse the string

PROGRAM:

```
string=input("Enter a string:")  
  
str=""  
  
for i in string:  
    str=i+str  
  
print("Reversed string:",str)
```

OUTPUT:

Enter a string:WELCOME

Reversed string: EMOCLEW

3. Find the length of the string

PROGRAM:

```
string=input("Enter a string:")  
count=0  
for i in string:  
    count+=1  
print(count)
```

OUTPUT:

Enter a string:WELCOME

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- 4. Write a program that accepts a string from the user and display the string after replacing the vowel character with @**

PROGRAM:

```
str=input("Enter the string:")
char=input("Enter a character:")
newstr=""
for i in range(len(str)):
    if str[i]=="a" or str[i]=="e" or str[i]=="i" or str[i]=="o" or str[i]=="u":
        newstr=newstr+char
    else:
        newstr=newstr+str[i]
print("\n original string:",str)
print("new string:",newstr)
```

OUTPUT:

Enter the string:college

Enter a character:@

original string: college

new string: c@ll@g@

