

PROGRAM:

```
#Check Palindrome

string=input("Enter a string")

if(string==string[::-1]):

    print("The steing is a palindrome")

else:

    print("Thr string is not a palindrome")
```

OUTPUT:

```
Enter a stringRoopa

Thr string is not a palindrome

>>>
```

PROGRAM:

```
#length of the string

string=input("Enter a string:")

count=0

for i in string:

    count+=1

print(count)
```

OUTPUT:

```
Enter a string:welcome

7

>>>
```

PROGRAM:

#write a program that accepts a string from the user and display the string after replacing the vowel character with @

```
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]=="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:DeviRoopa

Enter a character:@

original string: DeviRoopa

new string: D@v@R@@p@

>>>

PROGRAM:

#Reverse the string

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

```
str=""
```

```
for i in string:
```

```
    str=i+str
```

```
print("Reversed string:",str)
```

OUTPUT:

Enter a string:Devi Roopa

Reversed string: apooR iveD

```
>>>
```