Programs on string

Experiment 6

1.whether the input is palindrome or not palindrome

string=input("enter a string:")

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

print("the string is a palindrome")

else:

print("the string is not a palindrome")

OUTPUT

enter a string:amma

the string is a palindrome

2.Reverse the string

def reverse(str):

str=str[::-1]

return str

s=input("enter a string to be reversed:")

print("the original string is:",s)

print("the reversed string is s",reverse(s))

OUTPUT

enter a string to be reversed:santhiya

the original string is: santhiya

the reversed string is s ayihtnas

3.Length of the string(METHOD 1)

str="santhiya"

print("str")

print(len(str))

print(str,"length is" ,len(str))

OUTPUT

str

8

santhiya length is 8

3.Length of the string(METHOD 2)

str="santhiya"

def length(str):

count=0

for i in str:

count+=1

return count

length(str)

print("The length of the string is :",length(str))

OUTPUT

The length of the string is : 8

4.Replacing a @ in string instead of vowel letter

str=input(enter a 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(“\nOriginal String:”, str)

print(“New String:”, newstr)

output

enter a string:santhiya

enter a character:s@nth@y@