1.#check plaindrome

string=input("enter a string")

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

print("the string is a plaindrome")

else:

print("the string is not a plaindrome")

OUTPUT

Enter a stringdhanushika

the string is not a plaindrome

>>>

2.#length of the string

string=input("enter a string")

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

print("the string is a plaindrome")

else:

print("the string is not a plaindrome")

OUTPUT

enter a string:welcome

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3.#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]=="u":

newstr=newstr+char

else:

newstr=newstr+str[i]

print("\n original string:",str)

print("new string:",newstr)

OUTPUT

enter the string:dhanushika

enter a character:@

original string: dhanushika

new string: dh@n@sh@k@

>>>

4.#Reverse the string

string=input("enter a string:")

str=""

for i in string:

str=i+str

print("Reversed string:",str)

OUTPUT

enter a string:akash

Reversed string: hsaka

>>>