1)check the input string is palindrome

**Program:**

str=input("Enter a string:")

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

print("The string is a palindrome")

else:

print("The string is not a palindrome:")

**output:**

Enter a string:pooja

The string is not a palindrome

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**4)Write a program that accept your string from the user and display the string after replacing the vowel character with symbol@**

**Program:**

string1=input("Enter a string:")

letter1=input("Enter the character to be replaced:")

letter2=input("Enter the character to replace:")

string2=string1.replace(letter1,letter2)

print("The modified string is:",string2)

**Output:**

Enter a string:college

Enter the character to be replaced:o

Enter the character to replace:@

The modified string is: c@llege

>>>

**2)Reversing the string**

**Program:**

def reverse(str):

str=str[::-1]

return str

str=input("Enter a string to be reversed:")

print("The original string is:",str)

print("The reverse string is:",reverse(str))

**Output:**

Enter a string to be reversed:vellammal

The original string is: vellammal

The reverse string is: lammallev

>>>

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