Python Program to check whether the input is palindrome

str1=input("enter a string")

str2=str1[::-1]

print("reversed string is",str2)

if(str1==str2):

print(str1,"is palindrome")

else:

print(str1,"is not palindrome")

output:

enter a string amma

reversed string is amma

amma is palindrome

enter a string appa

reversed string is appa

appa is palindrome

Reverse the string

str1=input("enter a string")

str2=str1[::-1]

print("reversed string is",str2)

output:

enter a string31,03,17,33,5

reversed string is 5,33,71,30,13

find the length of the string

def length(s):

sum=0

for i in s:

sum=sum+1

len=sum

return len

n='yashoanandan'

print('length ',length(n))

output:

length 12

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

str1=str(input("enter a string"))

v=("a","e","i","o","u","A","E","I","O","U")

for i in str1:

if i in v:

print('@',end=' ')

else:

print(i,end=' ')

output:

enter a string engine

@ n g @ n @