**CHECK WHETHER GIVEN STRING IS PALINDROME OR NOT**

**PROGRAM:**

str1=str(input("Enter a string:"))

if(str1==str1[::-1]):

print(str1,"is a palindrome")

else:

print(str1,"is not a palindrome")

**OUTPUT:**

Enter a string:MALAYALAM

MALAYALAM is a palindrome

**REVERSING A STRING**

**PROGRAM:**

str1=str(input("Enter a string:"))

print("The reversed string is",str1[::-1])

**OUTPUT:**

Enter a string:PYTHON

The reversed string is NOHTYP

**FIND THE LENGTH OF THE STRING**

**PROGRAM:**

str1=str(input("Enter a string:"))

a=0

for i in str1:

a+=1

print("The length of the string is",a)

**OUTPUT:**

Enter a string:PYTHON

The length of the string is 6

**WRITE A PROGRAM THAT ACCEPTS A STRING FROM THE USER AND DISPLAY THE STRING AFTER REPLACING THE VOWEL CHARACTER WITH @**

**PROGRAM:**

str1=str(input("Enter a string:"))

str2=" "

for w in str1:

if(w=='A'or w=='a'or w=='E'or w=='e'or w=='I'or w=='i'or w=='O'or w=='o'or w=='U'or w=='u'):

str2+='@'

else:

str2+=w

print(str2)

**OUTPUT:**

Enter a string:PYTHON PROGRAMMING

PYTH@N PR@GR@MM@NG