Python Program to check whether the input string is palindrome.

Program:

```
def palind(str1):
  str1=str1[::-1]
  return str1

def palinyes(a,str2):
  if(a==str2):
    return("\nThe given string is a palindrome")
  else:
    return("\nThe given string is not a palindrome")

a=str(input("Enter the string-  "))
a1=a

a2=palind(a)
print("\nRevered string - ",a2)
print(palinyes(a1,a2))
```

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Output:

Enter the string- malayalam

Revered string - malayalam

The given string is a palindrome

>>>

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Reverse the string

Program:

```
def reverse(str1):
  str2=str1[::-1]
  return str2

a=str(input("Enter the string "))
print(reverse(a))
```

Output:

```
Enter the string vishwanath
htanawhsiv
>>>
```

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Find the length of the string

Program:

```
def length(s):
  sum=0
  for i in s:
    sum=sum+1
  leng=sum
  return leng

n=input("Enter the string ")
print("The length of the given string is ",length(n))
```

Output:

```
Enter the string vishwa
The length of the given string is  6
>>>
```

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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 the 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 the string vishwanath
v@shw@n@th
>>>
```

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