EXERCISE 6

Programs on strings

Practice toward create and assign values to the strings and work with inbuilt functions of strings

1.python program to check the string is palindrome or not

Program:

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

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

print("The string is a palindrome")

else:

print("The string is not a palindrome")

output:

Enter a string:bangtansonyeondan

The string is not a palindrome

2.find the length of the string

string=input("enter a string:")

count=0

for i in string:

count+=1

print(count)

output

enter a string:banupriya

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3.write a program that accept a string from the user and display the string after replacing the vowel character with symbol @

Program

str=input("enter a 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("\nOriginal String:", str)

print("New String:", newstr)

output

enter a string:banupriya

enter a character:@

Original String: banupriya

New String: b@n@pr@y@

4.reversing the string

my\_string=input("enter a string:")

str=""

for i in my\_string:

str=i+str

print("Reversed string:",str)

output

enter a string:velammal

Reversed string: lammalev