EXP-6 (a)

1)python program to check whether the input string is palindrome.

str=input("Enter the string : ")

new=""

for i in str:

new=i+new

if(str == new):

print("The given string is PALINDROME ! ")

else:

print("The given string is not PALINDROME ! ")

OUTPUT:

Enter the string : malayalam

The given string is PALINDROME !

EXP-6 (b)

2) Reverse the string.

str=input("Enter the string : ")

new=""

print("The given string is")

for i in str:

print(i,end="")

print("")

print("The reversed string is")

for i in str:

new=i+new

print(new,end="")

OUTPUT:

Enter the string : Hello world

The given string is

Hello world

The reversed string is

dlrow olleH

EXP-6(c)

3) Find the length of the string.

str=input("Enter the string to find length : ")

sum = 0

for i in str:

sum = sum + 1

print("Length of string : ",end = "")

print(sum)

OUTPUT:

Enter the string to find length : 123

Length of string is:3

EXP-6 (d)

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

Test Data:

ENGINEERING------>

@NG@N@@R@NG

COLLEGE-----> C@LL@G@.

str=input("Enter the string : ")

vow=['a','e','i','o','u','A','E','I','O','U']

for i in str:

if i in vow:

i="@"

print(i,end="")

else:

print(i,end="")

OUTPUT:

Enter the string : abcdef

@bcd@f