EXPERIMENT 6

1.#PALINDROME SEQUENCE

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:malayalam

The string is a palindrome

2.FIND THE LIENGTH OF A LIST:

PROGRAM:

string=input("enter a string")

count=0

for i in string:

count+=1

print(count)

OUTPUT:

enter a stringhello

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3.REPLACING THE VOWEL WITH @

PROGRAM:

str = input("Enter the 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)

4.REVERSING A STRING:

PROGRAM

string=input("enter a string:")

str=""

for i in string:

str=i+str

print("Reversed string:",str)

OUTPUT:

enter a string:nest

Reversed string: tsen