EXPT.NO.:-06

01.02.2023

1.PALINDROME OR NOT PALINDROME:

INPUT:-

x=input("enter the string:")

y=""

for i in x:

y=i+y

if y==x:

print("yes",y,"is palindrome")

else:

print("not",y,"is not a palindrome")

OUTPUT:;

enter the string:malayalam

yes malayalam is palindrome

enter the string:surya

not ayrus is not a palindrome

2. REVERSE THE STRING:-

INPUT:-

str1=input("Enter the string:")

str2=" "

for i in str1:

str2=i+str2

print("Reversed string:",str2)

OUTPUT:-

Enter the string:surya prakash

Reversed string: hsakarp ayrus

3.LENGTH OF STRING:-

INPUT:-

string=input("Enter string:")

count=0

for i in string:

count=count+1

print("Length of the string is:")

print(count)

OUTPUT:-

Enter string:SURYA PRAKSH

Length of the string is:

12

4. VOWEL CHARACTER OF STRING:-

INPUT:-

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:ajith kumar

\*j\*th k\*m\*r