EX NO:6a Palindrome or Not

25/01/2023

Program:

#palindrome

str1=input("Enter the string:")

val=str1.upper()

str2=str1[::-1]

final\_string=str2.upper()

if (val==final\_string):

print("It is Palindrome")

else:

print("It is not palindrome")

Output:

Enter the string:Malayalam

It is Palindrome.

EX NO:6b Reverse a string without using building function

25/01/2023

Program:

#reverse 2

def reverse(s):

str = ""

for i in s:

str = i + str

return str

s = input("Enter a string:")

print("The original string is : ", end="")

print(s)

print("The reversed string is : ", end="")

print(reverse(s))

Output:

Enter a string:Hello world

The original string is : Hello world

The reversed string is : dlrow olleH

EX NO:6c To find the length of a string

25/01/2023

Program:

#tofindlength

str=input("Enter string:")

def string\_length(str) :

if str == '':

return 0

else :

return 1 + string\_length(str[1:])

print(string\_length(str))

Output:

Enter string:helloworld

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EX NO:6d write a program that accepts  a string from the user and Display

String After replacing vowel with character @

25/01/2023

Program:

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 : akkash

@kk@sh

Result:

Thus the python program is executed and output is verifies successfully.