**EX.NO:6-A PALINDROME**

**25/01/23**

**AIM:**

To find the given string is palindrome using python program.

**PROGRAM:**

n=input("Enter the string : ")

i=0

str=""

for i in range(0,len(n),1):

rev=n[i]

str=n[i]+str

if(n==str):

print(n,"is Palindrome")

else:

print(n,"is not Palindrome")

**OUTPUT:**

Enter the string : MALAYALAM

MALAYALAM is Palindrome

**RESULT:**

Thus the python program is written for the given problem.

**EX.NO:6-B REVERSE THE STRING**

**25/01/23**

**AIM:**

To reverse the given string by using python program.

**PROGRAM:**

n=input("Enter the string : ")

i=0

str=""

for i in range(0,len(n),1):

rev=n[i]

str=n[i]+str

print("The Reverse of string is",str)

**OUTPUT:**

Enter the string : NIWSEJ

The Reverse of string is JESWIN

**RESULT:**

Thus the python program is written for the given problem.

**EX.NO:6-C TO FIND LENGTH OF THE STRING**

**25/01/23**

**AIM:**

To find the length of the given string by using python program.

**PROGRAM:**

a=input("Enter the String : ")

count=0

for i in a:

count=count+1

print("Length of String is",count)

**OUTPUT:**

Enter the String : helloworld

Length of String is 10

**RESULT:**

Thus the python program is written for the given problem.

**EX.NO:6-D REPLACING VOWEL CHARACTER WITH @**

**25/01/23**

**AIM:**

To replacing the vowel character with @ symbol by using python program.

**PROGRAM:**

a=input("Enter the String : ")

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

for i in a:

if i in b:

i='@'

print(i,end="")

else:

print(i,end="")

**OUTPUT:**

Enter the String : aeiou

@@@@@

**RESULT:**

Thus the python program is written for the given problem.