**PROGRAMS ON STRINGS**

**EX.NO.6A PALINDROME**

**25.1.23**

**PROGRAM:**

#Palindrome

a=input("Enter the list:")

b=(a[::-1])

if(a==b):

print("It is palindrome")

else:

print("Not a palindrome")

**OUTPUT:**

Enter the list:jeswin

Not a palindrome

Enter the list:malayalam

It is palindrome

**EX.NO.6B REVERSING A STRING**

**25.1.23**

**PROGRAM:**

#Reversing a string

a=input("Enter the string:")

print("The reversed value is",a[::-1])

**OUTPUT:**

Enter the string:JESWIN

The reversed value is NIWSEJ

**EX.NO.6C LENGTH OF STRING**

**25.1.23**

**PROGRAM:**

#Length of string

a=input("Enter the string:")

n=0

for i in a:

n=n+1

print("Length of string is",n)

**OUTPUT:**

Enter the string:jeswin

Length of string is 6

**EX.NO.6D REPLACING VOWEL TO SPECIAL CHARACTERS**

**25.1.23**

**PROGRAM:**

a=input("Enter the string:")

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

for i in a:

if i in vl:

i="@"

print(i,end="")

else:

print(i,end="")

**OUTPUT:**

Enter the string:JESWIN

J@SW@N

**RESULT:**

Thus the python program is executed and output is verified successfully