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| **Expt no:6**  **DATE:1.2.23** | **PROBLEMS ON STRINGS** |

#1 Program to find length of the string

**PROGRAM:**

str=input("Enter the string to find length : ")

sum = 0

for i in str:

sum = sum + 1

print("Length of string : ",end = "")

print(sum)

**OUTPUT:**

Str=priyan

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#2 Program to reverse the string

**PROGRAM:**

str=input("Enter the string : ")

new=""

print("The given string is")

for i in str:

print(i,end="")

print("")

print("The reversed string is")

for i in str:

new=i+new

print(new,end="")

**OUTPUT:**

str=priyan

nayirp

#3 Program to replace the vowel

**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: PRIYAN

PR@Y@N

#4 To check palindrome or not

**PROGRAM:**

str=input("Enter the string : ")

new=""

for i in str:

new=i+new

if(str == new):

print("The given string is PALINDROME ! ")

else:

print("The given string is not PALINDROME !”)

**OUTPUT:**

Enter the string: mam

It is a palindrome

Enter the string: Priyan

It is not a palindrome

#5 PRACTICE PROGRAM

**PROGRAM:**

A=&quot;Python&quot;

print(len(A))

b=A.lower()

print(b)

B=&quot;Interpreter&quot;

c=A+&quot; &quot;+B

print(c)

f=c.split( )

print(f)

j=A[0]

n=j.isupper()

print(n)

**OUTPUT:**

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python

Python Interpreter

[&#39;Python&#39;, &#39;Interpreter&#39;]

True