|  |
| --- |
| PROGRAMS ON STRINGS |

|  |
| --- |
| 1.PALINDROME OR NOT |

PROGRAM:

str=input("Enter a string :")

i=0

for i in range(len(str)):

if str[i]!=str[-1-i]:

print("It is not a palindrome")

break

else:

print("It is a palindrome")

OUTPUT:

Enter a string :34

It is not a palindrome

|  |
| --- |
| 2.REVERSE A STRING |

PROGRAM:

def Strreversed(str1):

if(len(str1) == 0):

return str1

else:

return Strreversed(str1[1:]) + str1[0]

str2 = input(" enter a string:")

str3 = Strreversed(str2)

print("\nThe Original = ", str2)

print("The reversed = ", str3)

OUTPUT:

enter a string:malayalam

The Original = malayalam

The reversed = malayalam

|  |
| --- |
| 3.LENGTH OF THE STRING |

PROGRAM:

string=input("Enter string:")

count=0

for i in string:

count=count+1

print("Length of the string is:")

print(count)

OUTPUT:

Enter string:physics

Length of the string is:

7

|  |
| --- |
| 4.REPLACING THE VOWELS WITH @ |

PROGRAM:

print("Enter a String:")

str = input()

print("Enter a character to replace all vowels with it:", end="")

char = input()

newstr = ""

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

for i in range(len(str)):

if str[i] in vowels:

newstr = newstr + char

else:

newstr = newstr + str[i]

print("\n The Original String =", str)

print("New String =",newstr)

OUTPUT:

Enter a String:

college

Enter a character to replace all vowels with it:@

The Original String = college

New String = c@ll@g@