PROGRAMS ON STRINGS

1.PROGRAM TO FIND A STRING LENGTH

Input :

# Program to find length

str = input("enter a string to find length:")

sum=0

for i in str:

sum=sum+1

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

print(sum)

Output :

enter a string to find length:Karthikeyan

Length of string:11

2.PROGRAM TO REPLACING THE VOWEL CHARACTER WITH SYMBOL @

Input :

str = input("enter a string:")

vowels = ('a','e','i','o','u','A','E','I','O','U')

for i in str:

if i in vowels:

i="@"

print(i,end="")

else:

print(i,end="")

Output :

enter a string:abcdABCD

@bcd@BCD

3.PROGRAM TO REVERSE A STRING

Input :

str = input("enter a 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 :

enter a string:karthik

the given string is

karthik

the reversed string is

kihtrak

4.PROGRAM TO CHECK A STRING IS IN PALINDROME OR NOT

Input :

str = input("enter a string:")

new=""

for i in str:

new=i+new

if(str==new):

print("The given string is a palindrome")

else:

print("The given string is not a palindrome")

Output 1 :

enter a string:MALAYALAM

The given string is a palindrome

Output 2 :

enter a string:MALAYALAN

The given string is not a palindrome