In [1]:

```
# 1.calculate len of string


str = input("Enter a string: ")
count = 0
for s in str:
    count = count+1
print("Length of the input string is:", count)
```

```
Enter a string: priya
Length of the input string is: 9
```

In [2]:

```
#count the number of character in a string


def char_frequency(str1):
   dict = {}
   for n in str1:
      keys = dict.keys()
      if n in keys:
         dict[n] += 1
      else:
         dict[n] = 1
   return dict
print(char_frequency('priya'))
```

```
{'s': 2, 'u': 1, 'h': 2, 'm': 1, 'i': 1, 't': 1, 'a': 1}
```

In [6]:

#prgrm to get a single string from two given strings seperated by a space and swaping first two characters of each string

```
def chars_mix_up(a, b):
  new_a = b[:2] + a[2:]
  new_b = a[:2] + b[2:]

  return new_a + ' ' + new_b
print(chars_mix_up('lakshmi', 'priya'))
```

Lakshmi Priya

In [7]:

python script that takes input from user and displays that input back in upper and lower cases

```
user_input = input("Where are you from?:")
print("I'm from ", user_input.upper())
print("I'm from", user_input.lower())
```

Where are you from?: banglore

I'm from : BANGLORE

I'm from anantapur

In [13]:

removing a newline in python

```
str1='priya\n'
print(str1)
print(str1.rstrip())
```

Priya

sushmitha

In [15]:

```
# program to count occurences of a substring in a string


str1='iam priya'

print()

print(str1.count("priya"))

print()
```

1

In [29]:

```
# converting a string in a list


test_str="kishor"

print("original string is:"+test_str)

new_str=''

for i in range(len(test_str)):

    if i!=2:

        new_str=new_str+test_str[i]

        print("string after removal of 'i'th character:"+new_str)
```

original string is:kishor

string after removal of 'i'th character:m

string after removal of 'i'th character:ma

string after removal of 'i'th character:mah

string after removal of 'i'th character:kisho

In [30]:

perform deletion of a character

s = 'priya'

print(s.replace('p', ''))

riya

In [31]:

program to print every character of a string entered by user in a newline using loop

str1=input('enter a string')

for i in range(len(str1)):

    print("The Character at %d Index Position = %c" %(i, str1[i]))

enter a string

The Character at 0 Index Position = s

The Character at 1 Index Position = u

The Character at 2 Index Position = s

The Character at 3 Index Position = h

The Character at 4 Index Position = m

The Character at 5 Index Position = i

The Character at 6 Index Position = t

The Character at 7 Index Position = h

The Character at 8 Index Position = a

In [32]:

```
# program to find length of refrigerator without using le function


str = "Refrigerator"

count = 0

for s in str:

    count = count+1

print("Length of the input string is:", count)
```

Length of the input string is: 12

In [ ]: