

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 occurrences 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 len 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 []:

