In [2]:
```
#1.Write a Python program to calculate the length of a string.
str = input("Enter a string: ")
print("Length of the input string is:", len(str))
```

```
Enter a string: likhitha
Length of the input string is: 8
```

In [39]:
```
#2.Write a Python program to count the number of characters (character frequency) in a strin
g.
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('likitha reddy'))
```

```
{'l': 1, 'i': 2, 'k': 1, 't': 1, 'h': 1, 'a': 1, ' ': 1, 'r': 1, 'e': 1, 'd': 2, 'y': 1}
```

In [18]:
```
#3.Write a Python program to get a single string from two given strings, separated by a spac
e and swap the first two characters of each string
a=input()
b=input()
x=a[0:2]
a=a.replace(a[0:2],b[0:2])
b=b.replace(b[0:2],x)
print(a,b)
```

```
likhitha
reddy
rekhitha liddy
```

In [23]:
```
#4.Write a Python script that takes input from the user and displays that input back in uppe
r and lower cases
str_input = input("Enter a string:  ")
print ("String with lower case = ", str_input.lower())
print ("The orgginal string:" ,str_input)
print ("String with upper case = ", str_input.upper())
print ("The orgginal string:" ,str_input)
```

```
Enter a string:  hello..! welcome to python
String with lower case =  hello..! welcome to python
The orgginal string: hello..! welcome to python
String with upper case =  HELLO..! WELCOME TO PYTHON
The orgginal string: hello..! welcome to python
```

In [28]:
```
#5.Write a Python program to remove a newline in Python.
str1='likhitha.g\n'
print(str1)
print(str1.rstrip())
```

```
likhitha.g

likhitha.g
```

In [29]:
```
#6.Write a Python program to count occurrences of a substring in a string.
a = 'program to count occurrences of a substring in a string.'
print()
print(a.count("string"))
print()
```

```
2
```

In [31]:
```
#7.Write a Python program to convert a string in a list.
def convert(string):
    li=list(string.split(" "))
    return li
str1="python program"
print(convert(str1))
```

```
['python', 'program']
```

In [32]:
```
#8.Write a Python program to perform Deletion of a character
def remove_char(str, n):
      first_part = str[:n]
      last_part = str[n+1:]
      return first_part + last_part
print(remove_char('deletion', 0))
print(remove_char('deletion', 3))
print(remove_char('deletion', 5))
```

```
eletion
deltion
deleton
```

In [35]:
```
#9.Write a program to print every character of a string entered by user in a new line using
 loop.
a = input()
for i in a:
  print(i)
```

```
hello
h
e
l
l
o
```

In [37]:
```
#10.Write a program to find the length of the string "refrigerator" without using len functi
on
a = "refrigerator"
count = 0
for i in a:
  count = count+1
print(count)
```

```
12
```