In [16]:
```
#1.     Write a Python program to calculate the length of a 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: python
Length of the input string is: 6
```

In [4]:
```
#2.write a python program to count the number of characters (character
 frequrency) 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('instagram.com'))
```

```
{'i': 1, 'n': 1, 's': 1, 't': 1, 'a': 2, 'g': 1, 'r': 1, 'm': 2, '.':
1, 'c': 1, 'o': 1}
```

In [17]:
```
#3.write a python program to get a single string from two given strings
 seperated by a space and swap the 1st 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)
```

```
python
```

```
awesome
awthon pyesome
```

In [21]:
```
#4.Write a Python script that takes input from the user and displays th
at input back in upper and lower cases
user_input = input("What is ur fav programing lang")
print("My fav programing lang is ", user_input.upper())
print("My fav programing lang is ", user_input.lower())
```

```
What is ur fav programing langpython
My fav programing lang is  PYTHON
My fav programing lang is  python
```

In [19]:
```
#5.Write a Python program to remove a newline in Python.
str1='Python welcomes\n'
print(str1)
print(str1.rstrip())
```

```
Python welcomes

Python welcomes
```

In [8]:
```
#6.Write a Python program to count occurrences of a substring in a stri
ng.
str1 = 'Sehwag hits a six.'
print()
print(str1.count("Sehwag"))
print()
```

```
1
```

In [20]:
```
#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 [10]:
```
#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('puru', 0))
print(remove_char('puru', 3))
print(remove_char('puru', 5))
```

```
uru
pur
puru
```

In [11]:
```
#.9.    Write a program to print every character of a string entered by
 user in a new line using loop.
a="good morning"
for i in a:
    print(i)
```

```
g
o
o
d

m
o
r
n
i
n
g
```

In [13]:
```
#.10.   Write a program to find the length of the string "refrigerator"
 without using len function.
```

```
a="refrigirator"
count=0
for i in a:
    count=count+1
    print(count)
```

```
1
2
3
4
5
6
7
8
9
10
11
12
```

In [ ]: