In [1]:
```
# 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:python
length of the input string is: 6
```

In [3]:
```
# program to count the number of characters (character frequency) 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('google.com'))
```

```
{'g': 2, 'o': 3, 'l': 1, 'e': 1, '.': 1, 'c': 1, 'm': 1}
```

In [4]:
```
# program to get a single string from two given strings
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
program
prthon pyogram
```

In [7]:
```
# Python script that takes input from the user and displays that input back in
upper and lower cases
str_input=input("enter a string:")
print("string with lower case=",str_input.lower())
print("the original string:",str_input)
print("string with upper case=",str_input.upper())
print("the original string:",str_input)
```

```
enter a string:hello.! welcome to python
string with lower case= hello.! welcome to python
the original string: hello.! welcome to python
string with upper case= HELLO.! WELCOME TO PYTHON
the original string: hello.! welcome to python
```

In [8]:
```
# program to remove a newline in Python
str1='python.p\n'
print(str1)
print(str1.rstrip())
```

```
python.p

python.p
```

In [9]:
```
# 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 [10]:
```
# Python program to convert a string in a list
def convert(string):
    li=list(string.split(" "))
    return li
str1="python programs"
print(convert(str1))
```

```
['python', 'programs']
```

In [12]:
```
# 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',4))
```

```
eletion
deltion
deleion
```

In [13]:
```
# program to print every character of a string entered by user in a newline us
ing loop
a=input()
for i in a:
    print(i)
```

```
python
p
y
t
h
o
n
```

In [14]:
```
# program to find the length of the string "refrigerator" without using len fu
nction
a="refrigerator"
count=0
for i in a:
    count=count+1
print(count)
```

```
12
```

In [ ]:
```

```