In [92]:
```
#Python program to find factorial
number=(int(input("Enter ur number :")))
fact=1
if (number < 0):
    print("Can't find factorial for negative Numbers")
else:
        for i in range(1,number + 1):
            fact = fact * i
        print("{}!={}".format(number,fact))
```

```
Enter ur number :50
50!=30414093201713378043612608166064768844377641568960512000000000000
```

In [ ]:
```
```

In [108…
```
#Whether number is prime or composite
Input=(int(input("Enter Your Number")))
count = 0

for num in range(1,Input+1):
    Remainder=Input % num
    if (Remainder==0):
        count=count+1

if(count==1):
    print("The number is neither prime nor composite.")

if(count==2):
    print("The number is a prime number.")
elif(count>3):
    print("The number is a composite number.")
```

```
Enter Your Number90
The number is a composite number.
```

In [2]:
```
#Whether a string is palidrome or not

text = (str(input("Enter your text")))

if(text == text[:: -1]):
    print("This is a Palindrome String")
else:
    print("This is not a Palidrome String")
```

```
Enter your textlevel
This is a Palindrome String
```

In [13]:
```
#Pythyon program to get third side of right-angled triangle from two given sides.

a = (float(input("Enter first side of a triangle")))
b = 90
c = 180-(a+b)

print("Third sides of right-angled  triangle=",c)
```

```
Enter first side of a triangle63
Third sides of right-angled  triangle= 27.0
```

In [14]:
```
#Python Program to print the frequency of each of the characters present in  given string,

string = input("Please enter the Your Own String = ")
chardict = {}

for num in string:
    keys = chardict.keys()
    if num in keys:
        chardict[num] += 1
    else:
        chardict[num] = 1

print(chardict)
```

```
Please enter the Your Own String = hello
{'h': 1, 'e': 1, 'l': 2, 'o': 1}
```