In [ ]:
```
11. Write a python program to find the factorial of a number.
```

In [3]:
```
def factorial(n):
    if n == 0:
        return 1
    else:
        return n * factorial(n-1)
n=int(input("Input a number to compute the factiorial : "))
print(factorial(n))
```

```
Input a number to compute the factiorial : 5
120
```

In [ ]:
```
12. Write a python program to find whether a number is prime or composite.
```

In [ ]:
```
num = int(input("Enter any number : "))
if num > 1:
    for i in range(2, num):
        if (num % i) == 0:
            print(num, "is NOT a prime number")
            break
    else:
        print(num, "is a PRIME number")
elif num == 0 or 1:
    print(num, "is a neither prime NOR composite number")
else:
    print(num, "is NOT a prime number it is a COMPOSITE number")
```

In [ ]:
```
3. Write a python program to check whether a given string is palindrome or not
```

In [ ]:
```
string=input(("Enter a string:"))
if(string==string[::-1]):
      print("The string is a palindrome")
else:
      print("Not a palindrome")
```

In [ ]:
```
14. Write a Python program to get the third side of right-angled triangle from two given sides.
```

In [ ]:
```
def findHypotenuse(side1, side2):

    h = (((side1 * side1) + (side2 * side2))**(1/2));
    return h;


print(findHypotenuse(side1, side2));
```

In [ ]:
```
15. Write a python program to print the frequency of each of the characters present in a given string
```

In [ ]:
```
str1 = input ("Enter the string: ")
d = dict()
for c in str1:
    if c in d:
        d[c] = d[c] + 1
    else:
        d[c] = 1
print(d)
```