In [1]:
```
print('%')
```

```
%
```

In [3]:
```
2//3
```

Out[3]:
```
0
```

In [5]:
```
6<<2
```

Out[5]:
```
24
```

In [7]:
```
6&2
```

Out[7]:
```
2
```

In [9]:
```
6|2
```

Out[9]:
```
6
```

In [11]:
```
print('the finally block will be executed no matter if the try block raise an error or not')
```

```
the finally block will be executed no matter if the try block raise an error or not
```

In [13]:
```
print('it is used to raise an exception')
```

```
it is used to raise an exception
```

In [15]:
```
print('in defining a generator')
```

```
in defining a generator
```

In [19]:
```
print('_abc and abc2')
```

```
_abc and abc2
```

In [21]:
```
print('yield and raise')
```

```
yield and raise
```

In [23]:
```
import math

num = 5
factorial = math.factorial(num)

print("The factorial of", num, "is",factorial)
```

```
The factorial of 5 is 120
```

In [27]:
```
def isPalindrome(s):
    return s == s[::-1]
s = "malayalam"
ans = isPalindrome(s)
if ans:
    print("yes")
else:
    print("no")
```

```
yes
```

In [29]:
```
string = "Yolo Life"

for i in string:
    frequency = string.count(i)
    print(str(i) + ": " + str(frequency), end=", ")
```

```
Y: 1, o: 2, l: 1, o: 2,  : 1, L: 1, i: 1, f: 1, e: 1,
```

In [31]:
```
import math

a = float(10)
b = float(5)
x = float(60)

c = math.sqrt(a**2 +b ** 2)

print("Hypotenuse =", c)
```

```
Hypotenuse = 11.180339887498949
```