In [3]:
```
# Exercise 01
try:
    a=10
    b=5
    print(a/b)
except:
    print('Some error occurred.')
print("Out of try except blocks.")
```
executed in 14ms, finished 14:35:43 2020-08-15

```
2.0
Out of try except blocks.
```

In [5]:
```
try:
    a=10
    b='0'
    print(a/b)
except:
    print('Some error occurred.')
print("Out of try except blocks.")
```
executed in 16ms, finished 14:36:59 2020-08-15

```
Some error occurred.
Out of try except blocks.
```

In [6]:
```
# Exercise 02
try:
    a=5
    b='0'
    print(a+b)
except TypeError:
    print('Unsupported operation')
print ("Out of try except blocks")
```
executed in 16ms, finished 14:37:51 2020-08-15

```
Unsupported operation
Out of try except blocks
```

In [7]:
```
# Exercise 03
try:
    a=5
    b=0
    print(a/b)
except TypeError:
    print('Unsupported operation')
except ZeroDivisionError:
    print ('Division by zero not allowed')
print ('Out of try except blocks')
```
executed in 16ms, finished 14:38:32 2020-08-15

```
Division by zero not allowed
Out of try except blocks
```

In [9]:

```python
# Exercise 04
try:
    x=int(input('Enter a number: '))
    y=int(input('Enter another number: '))
    z=x/y
except ZeroDivisionError:
    print("except ZeroDivisionError block")
    print("Division by 0 not accepted")
else:
    print("else block")
    print("Division = ", z)
finally:
    print("finally block")
print ("Out of try, except, else and finally blocks." )
```

executed in 2.80s, finished 14:41:31 2020-08-15

```
Enter a number: 1
Enter another number: 0
except ZeroDivisionError block
Division by 0 not accepted
finally block
Out of try, except, else and finally blocks.
```

In [12]:

```python
# Exercise 05
try:
    x=int(input('Enter a number upto 100: '))
    if x > 100:
        raise ValueError(x)
except ValueError:
    print(x, "is out of allowed range")
else:
    print(x, "is within the allowed range")
```

executed in 3.97s, finished 14:43:24 2020-08-15

```
Enter a number upto 100: 102
102 is out of allowed range
```

In [20]:

```python
# Task 01
try:
    num1 = int(input('Enter a number: '))
    num2 = int(input('Enter another number: '))
    print(num1 / num2)
except ValueError:
    print('Please enter an integer!')
except ZeroDivisionError:
    print('Second number should not be zero!')
```

executed in 4.51s, finished 14:56:19 2020-08-15

```
Enter a number: 6
Enter another number: d
Please enter an integer!
```

In [11]:

```python
# Task 02:
try:
    num1 = input('Enter a float number: ')
    num2 = input('Enter float another number: ')
    if not type(eval(num1)) is float or not type(eval(num2)) is float:
            raise TypeError
    print(float(num1)+float(num2))
except TypeError:
    print('Please enter float type!')
```

executed in 4.67s, finished 15:52:32 2020-08-15

```
Enter a float number: 2.5
Enter float another number: 2
Please enter float type!
```