

In [9]:

#Exception handling is one of the common feature of any programming language. In python we can handle any exception with try ... and except block

```
import sys

my_list = [2, 'b', 0, 7]

for item in my_list:
    try:
        print('Item is: {} and result is: '.format(item), end='')
        print(2/item)
    except:
        print('Found an error and error is: ', sys.exc_info()[0])
```

Item is: 2 and result is: 1.0

Item is: b and result is: Found an error and error is: <class 'TypeError
r'>

Item is: 0 and result is: Found an error and error is: <class 'ZeroDivisi
onError'>

Item is: 7 and result is: 0.2857142857142857

In [10]:

#Raise an error: it's working same as through in java.

```
try:
    num = int(input("Enter a positive number: "))

    if num <= 0:
        raise ValueError('Error: You enter a negative number')
except ValueError as e:
    print(e)
```

Enter a positive number: -10

Error: You enter a negative number