

In [1]:

```
1 a = 10
2 b = 0
3
4 a/b
```

ZeroDivisionError

Traceback (most recent call last)

Input In [1], in <cell line: 4>()

```
1 a = 10
2 b = 0
----> 4 a/b
```

ZeroDivisionError: division by zero

SYNTAX FOR TRY & EXCEPT

In [9]:

```
1 try:
2     c=a/'b'
3 except Exception as err:
4     print('some error ->',err)
5     try:
6         1/0
7     except:
8         2/0
9         print('2nd error')
10 finally:
11     print('done')
```

some error -> unsupported operand type(s) for /: 'int' and 'str'
done

TypeError

Traceback (most recent call last)

Input **In [9]**, in **<cell line: 1>()**
1 **try**:
----> 2 c=a/'b'
3 **except Exception as** err:

TypeError: unsupported operand type(s) for /: 'int' and 'str'

During handling of the above exception, another exception occurred:

ZeroDivisionError

Traceback (most recent call last)

Input **In [9]**, in **<cell line: 1>()**
5 **try**:
----> 6 1/0
7 **except**:

ZeroDivisionError: division by zero

During handling of the above exception, another exception occurred:

ZeroDivisionError

Traceback (most recent call last)

Input **In [9]**, in **<cell line: 1>()**
6 1/0
7 **except**:
----> 8 2/0
9 print('2nd error')
10 **finally**:

ZeroDivisionError: division by zero

```
In [21]: 1 def directed_function(denom):
          2     print('passed from handle_error')
          3     denom+=1
          4     return denom
          5
          6 def handle_error(a,b):
          7     try:
          8         return a/b
          9     except:
         10         denom = directed_function(b)
         11
         12         return a/denom
         13
```

```
In [23]: 1 handle_error(1,10)
```

Out[23]: 0.1

```
In [ ]: 1
```