



## Introduction to Python

```
[2]: print(5 + 2) # python addition
      print(5 - 2) # python subtraction
      print(5 * 2) # python multiplication
      print(5/2) # python division
      print(5//2) #python floor division
      print(5%2) # python modulus
```

```
7
3
10
2.5
2
1
```

```
[8]: print(type(10)) #integer
      print(type(3.14)) #float
      print(type(1+2j)) #complex
      print(type('Vinay')) #string
      print(type([1,2,4])) #List
      print(type((1,2,3,4))) #tuple
      print(type({1,2,3})) #set
      print(type({'name':'vinay'})) # Dictionary
      print(type(3==3)) #bool
      print(type(3>3)) #bool
```

```
<class 'int'>
<class 'float'>
<class 'complex'>
<class 'str'>
<class 'list'>
```