In [1]:
```
#Introduction
```

In [2]:
```
print(3 + 2)     #Addition '+'
print(3 - 2)     #Subtraction '-'
print(3 * 2)     #Multiplication '*'
print(3 / 2)     #Division '/'
print(3 ** 2)    #Exponantial '**'
print(3 % 2)     #Modulous '%'
print(3 // 2)    #Floor Division Operator '**'
```

```
5
1
6
1.5
9
1
1
```

In [3]:
```
#Checking Data Types
```

In [4]:
```
print(type(10))                    #Int
print(type(10.5))                  #float
print(type(10 + 3j))               #Complex
print(type('Hyderabad'))           #String
print(type([1, 2, 3]))             #List
print(type({'Name' : 'Akash'}))    #Dictionary
print(type({9.8, 3.14, 2.7}))      #Set
print(type((9.8, 8.9, 7.5)))       #Tuple
print(type(3 == 3))                #Bool
print(type(3 >= 3))                #Bool
```

```
<class 'int'>
<class 'float'>
<class 'complex'>
<class 'str'>
<class 'list'>
<class 'dict'>
<class 'set'>
<class 'tuple'>
<class 'bool'>
<class 'bool'>
```

In [6]:
```
import keyword

# Print all Python keywords
print(keyword.kwlist)

# Print total number of keywords
print(len(keyword.kwlist))
```

```
['False', 'None', 'True', 'and', 'as', 'assert', 'async', 'await', 'break', 'clas
s', 'continue', 'def', 'del', 'elif', 'else', 'except', 'finally', 'for', 'from',
'global', 'if', 'import', 'in', 'is', 'lambda', 'nonlocal', 'not', 'or', 'pass',
'raise', 'return', 'try', 'while', 'with', 'yield']
35
```

In [7]:
```
#Python Variables
```

In [10]:
```
First_Name = 'Akash'
Last_Name = 'Sen'
Country = 'India'
City = 'Lucknow'
Age = 25
Is_Married = 'No'
Skills = ['Python, Matplotlib, Machine Learning, Deep Learning, NLP']
Person_Info = {'First_Name : Akash, Last_Name : Sen, Country : India, City : Luc

#Printing the Values Stored in the Variable

print('First_Name:', First_Name)
print('Last_Name:', Last_Name)
print('City:', City)
print('Age:', Age)
print('Is_Married:', Is_Married)
print('Skills:', Skills)
print('Person_Information:', Person_Info)
```

```
First_Name: Akash
Last_Name: Sen
City: Lucknow
Age: 25
Is_Married: No
Skills: ['Python, Matplotlib, Machine Learning, Deep Learning, NLP']
Person_Information: {'First_Name : Akash, Last_Name : Sen, Country : India, City
: Lucknow'}
```

In [13]:
```
#Declaring Multiple Variables
First_Name, Last_Name, Country, City, Age, Is_Married

print('First_Name:', First_Name)
print('Last_Name:', Last_Name)
print('City:', City)
print('Age:', Age)
print('Is_Married:', Is_Married)
```

```
First_Name: Akash
Last_Name: Sen
City: Lucknow
Age: 25
Is_Married: No
```

In [ ]: