Don't confused about DATA TYPE and DATA STRUCTURE (Both are same at the end).

Python Data Types

1. Integer's

```
-9,-,8,-,7,-,6, ......, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
```

print(type(x))
<class 'int'>

Python can handle 1e power of 308

In [17]: print(1e308)

1e+308

In [18]: #python can't handle more then 1*10^309
print(1e309)

inf

It's return 'infinite'

2. Desimal/Float

-5.5, -3.66, 1.5, 0.5, 2.2, 333.2222

7. Tuple

8. Sets

9. Dictionary

10. None

3. <class 'dict'>

```
In [50]: type(None)
Out[50]: NoneType
```

Thank you!

```
Out[1]: float
In [7]: print(1.7e308)
        print(1.7e309)
         1.7e+308
         inf
         3. Boolean
         Boolean not take any inverted comas
In [9]: print('True') X #this is wrong.
In [12]: True, False
Out[12]: (True, False)
In [13]: print(True, '\n', False)
         True
In [19]: type(True)
Out[19]: bool
         4. Text/String
In [16]: 'hello'
Out[16]: 'hello'
In [18]: z = 'Hello World'
        print(type(z))
```

5. Complex

<class 'str'>

In [1]: y = 8.17 type(y)

6. List

```
In [24]: 1 = [1, 2, 3, 4, 'hello', 1.5, (5+6j)] #List can contaim any types of data in array form
```