**Data Types**

**Garbage collection:-**

Python deletes **unwanted objects** automatically to free memory space.The process by which python peridocally free and reclaims blocks of memory that no longer are in use is called **Garbage collection.**

a = 10---- a variable is hold a integer so that a is a integer\_variable.

**What is Data Types?**

Data type represent the type of data present inside a variable.

In python we not required to specify the type explicitly. Based on the value provided,the type will be assigned automatically .Hence Python is Dynamically typed language.

There are **14 types** od data type are prsent in python.

1.integer(int())

2.float(float())

3.complex(complex())

4.boolean(bool())

5.string(str()

6.bytes(bytes())

7.bytearray(bytearray())

8.range(range())

9.list(list())

10.tuple(tuple())

11.set(set())

12.frozenset(frozenset())

13.dictionary(dict())

14.None(None())

**python some important built-in function?**

1.print():-To Print this.

2.id():- location tress

3.type:-check the data type

4.dir():-check the methods of variable,function,class and modules