

# Constructor

- ❖ It is a special member function of class that executes when we create the **instance(object)** of that class. In other words, we can say that there is no need to call a constructor.
- ❖ **`__init__()`** method is used as a **constructor** in Python.
- ❖ There are two types of constructor used in Python.
  - Parameterized Constructor
  - Non-parameterized Constructor

## Parameterized Constructor

- The constructor with parameter is called **Parameterized Constructor**

### #creating class

```
class Student:
    #creating parameterized constructor
    def __init__(self, name, roll):
        print("Name:", name)
        print("Rollno:", roll)
    #creating object
    s1=Student("Aayushi", 305)
```

```
"""
**Output**
Name: Aayushi
Rollno: 305
"""
```

## Non-parameterized Constructor

- The constructor with no parameter is called **Non-parameterized Constructor**

### #creating class

```
class Student:
    #creating non-parameterized constructor
    def __init__(self):
        print("Hi I am non-parameterized constructor")
    def Info(self):
        print("Name:Aayushi")
        print("Rollno:305")
    #creating object
    s1=Student()
    s1.Info()
```

```
"""
**Output**
Name:Aayushi
Rollno:305
"""
```