**2.2 Python – Parameterized constructor example**

When we declare a constructor in such a way that it accepts the arguments during object creation then such type of constructors are known as Parameterized constructors. As you can see that with such type of constructors we can pass the values (data) during object creation, which is used by the constructor to initialize the instance members of that object.

class DemoClass:

num = 101

# parameterized constructor

def \_\_init\_\_(self, data):

self.num = data

# a method

def read\_number(self):

print(self.num)

# creating object of the class

# this will invoke parameterized constructor

obj = DemoClass(55)

# calling the instance method using the object obj

obj.read\_number()

# creating another object of the class

obj2 = DemoClass(66)

# calling the instance method using the object obj

obj2.read\_number()

Output:

55

66