

Constructors and Destructors

Whenever any object oriented program is executed we need to create object of the class to access attributes of the class through methods.

If we access attributes using methods first only object is created and when we call the method it gets initialized. If we want to initialize the object at the time of creation every object oriented language provides constructor for this.

Syntax:

object name = classname()

This constructors can initialize the values using "init" method in python. The syntax of defining the methods is as follows:

class classname:

def __init__(self, parameters):

Eg:

class Rectangle

def __init__(self, width, height):

print("I'm initializing a new Rectangle instance.")

self.width = width

self.height = height

rectangle1 = Rectangle(293, 117)

rectangle2 = Rectangle(293, 137)

Initializing a new Rectangle instance

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