

# Classes

Part 2 – Initialising an instance

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# The `__init__` method



`__init__` is called immediately after an instance of the class is created by `__new__`.



In many texts, `__init__` is (incorrectly) call the **constructor** of the class.



by convention, `__init__` is the first method defined for the class),



it's the first piece of code executed in a newly created instance of the class

# Terminology



Class Rectangle is the definition of a Type of object



r is an instance of Rectangle



x, y, ... are instance variables



\_\_init\_\_ is a “constructor”

Adding  
parameters to  
\_\_init\_\_

