

Classes Glossary

- **Class:** A user-defined object that *defines/describes* a set of attributes that characterize any object of the class. The attributes are data members (class variables and instance variables) and methods, accessed via "dot" notation.
- **Instance:** An individual object of a certain class. An object "obj" that belongs to a class Circle, for example, is an instance of the class Circle.
- **Instantiation:** The creation of an instance of a class.
- **Attribute:** An element that takes a value and is associated with an object.
- **Method:** A special kind of function that is defined in a class definition.
- **Inheritance:** The transfer of the characteristics of a class to other classes that are derived from it.
- **Parent class (base):** The class that transfer its characteristics.
- **Child class (derived):** The class hat is derived from the parent class.
- **Override:** Define a method or in the child class that already existed in the parent under the same name.