

Classes vs Objects

Class

- Code that defines a template that can be used to create objects
- Classes are an abstract concept, and classes exist even when a program is not running

Object

- An instance of a class that only exists when a program is running
- One class can be used to create many objects
- A class defines attributes, or member variables, and may or may not give them initial values
- An object exists in memory during program execution and its attributes are values stored in memory

