# John Paukovits - Chapter 8 Homework

1. What happens when a return type, void, is specified for a constructor of a class?
   1. The constructor will not be used. Adding void would make the constructor a method.
2. If a class provides a constructor that takes an argument, is the default constructor still available?
   1. If you define a constructor, the compiler will not use the default (no-argument) constructor.
3. What kinds of methods are commonly called mutator methods?
   1. Set method are also called mutator methods because they change values of instance variables
4. Why would you have a set method that sets an instance variable instead of making the instance variable public?
   1. A public variable can be accessed and acted upon through any method. The set method is limited to the control of the method.
5. When a class has a reference to another class, this is referred to as a(n) \_\_\_\_ relationship.
   1. A composition or a has-a relationship.