# Chapter 6 Homework

1. When a method is declared, the key word \_\_\_\_ indicates a method does not return anything.
2. What are the components that make up a method's signature?
3. If two methods have the same name, what must be different in order for the code to compile?
4. Why will a class containing these two methods not compile?

public int getNumberBetween(int a, int b)

public double getNumberBetween(int x, int y)

1. Using the Java API, describe what the String.isEmpty() method does.