CS61B Extra Problems 1

Note: These are extra problems I will post each week to give you a bit more practice. It's up to you to do them if you'd like: they aren't graded or collected, just like section worksheets

Java Compiling

Frank Underwood is new to Java. He writes a class Wug in a file Wug.java. He compiles the file with "javac Wug.java", and runs it with "java Wug". He then changes the text in Wug.java and runs again using "java Wug".

But nothing changes! What did Frank do wrong?

Note: This is an **extremely** common mistake among first time Java programmers.

Whenever you change a class, you need to recompile it since Java runs the compiled program, not the actual text (in this case, Wug.class is what actually gets run when you type "java Wug".) Frank should have recompiled Wug.java after he made changes.

Program Structure

When Frank types "java Wug", what is the first method that is run?

The "main" method of the Wug class. We'll get more into this later.