

CMSI 186-03

PROGRAMMING LABORATORY

Spring 2017

Assignment 0116

This initial assignment is meant to get you started and ready to do some Java development, as well as engage some key course resources.

What to Do

Java Development Kit Setup

Download and install the Java Standard Edition Development Kit (JDK) on your work machine(s). For consistency (not necessarily because we have specific dependencies on that version), download the latest released version of **Java 8**.

Initial Reading

Start reading the Java Tutorials at <http://docs.oracle.com/javase/tutorial/>—get through at least *Getting Started* and *Learning the Java Language*.

The Traditional First Program: Hello World

Pick out a code editor that works well for you. Create a text file called *HelloWorld.java* containing the code below:

```
public class HelloWorld {
    public static void main(String[] args) {
        System.out.println("Hello world!");
    }
}
```

Open a command line or terminal application and use the `cd` command to go to the folder that contains *HelloWorld.java*. Then, compile and run your program with these commands:

```
javac HelloWorld.java
java HelloWorld
```

Course Resource Signup

Do this *even if you might have already given me this information in a previous course*—it keeps things consistent and it shows that you're **paying attention**.

- If you haven't already done so, acquire a GitHub ID/account.
- Also if you don't already have one, acquire a Google account for accessing screengrab videos.
- Add yourself to the Piazza forum for this class, as linked on the course website.

GitHub & Git

For this course, you may submit your work directly via copy-paste or drag-and-drop to the GitHub website. However, you might also want to explore using *git* directly.

There are many ways to install the software, so no single set of instructions can be provided. This GitHub help page can get you going:

<https://help.github.com/articles/set-up-git>

If you get stuck, ask me. Again, there is no obligation to use *git* directly. You may use the GitHub website to submit your work.

Google Account

I will occasionally screengrab class sessions and post them to YouTube. These recordings will be private, so I will need a Google account in order to give you access. Set one up if needed. In this case, a *non-LMU* Google account tends to work better.

Piazza Signup

Piazza can be used for online discussions and polls, as well as late-breaking announcements, so it's important that you are connected to that forum.

What to Submit

Present your working Java setup to the instructor or a TA on the first class after the due date.

For the account signups, because this is private information, use the Blackboard/MyLMUConnect site for this course to submit:

- Your GitHub username/ID
 - The Google account to use for accessing private class screengrab videos
 - The email you used for signing up to Piazza
- ...under *Assignment 0116*.

Again, *do this even if you might have already given me this information in a previous course*.