CMPS4143: Contemporary Programming Languages
Short Programming Assignment: Getting Acquainted with Java JDK

Notes on Installing Java JDK on your Computer, if you are going to work at home.

Chapter 2 – page 18 describes the site you should download jdk from
(http://java.sun.com/javase). Make sure you download Java SE 7.0 or later and pick your platform. This is a large file!!!

Go ahead and rename the installation directory jdk (your textbook authors assume this in the rest of the text).

Follow the instructions on pages 20--22 for setting the execution path for your OS!

You start a "shell window" in Windows OS, by going to the Command Prompt application.

Install the library source and documentation.
Install the Core Java Program Examples (downloaded from the text book's web site).

To compile and launch a Java program, you MUST be in the directory containing the java program! In the Command Prompt Window, you change directories by using *cd..* (goes up) and *cd directoryname* (goes down). You might want to learn some DOS commands.

Notes on Using the Eclipse at Home

This is a **LARGE** file to download and install. It is on the computers in the lab (but not on my system). Use this if you want, these IDEs are now fast and convenient to use.

ASSIGNMENT:

Type in (or use a copy downloaded with the CoreJava textbook), compile and run Welcome.java in section 2.3. **Turn in a screen shot of the Welcome.java program in the console and a screen dump of the output.**

Use the Eclipse environment to type in and run a HelloWorld.java program. See section 2.4. Compile and run it. **Turn in a screen shot of HelloWorld**

Type in (or copy) ImageViewer.java discussed in section 2.5. Compile and run it. **Turn in a listing of ImageViewer.java and a screen dump of output.**

Compile and run the example in section 2.6. **Turn in screen dump of output.**

Note: Another way to print output is to select all the text in the command line window (if you use the "shell") and copy it to notepad and print it from there.