

The programs for this lab should be stored in your Eclipse repository. Create a new Java project called lab1 in your workspace. Use a workspace location on your P: drive or a USB drive. Do not save files elsewhere on lab computers.

When your programs are running correctly, turn in a printout of the Java code for each program to the instructor. Make sure you include comments for your program (especially your name).

### **Problem 1**

Use Eclipse to write your first Java program --- HelloWorld.

```
public class HelloWorld {  
  
    /**Lab 1  
     * Alan Turing  
     * Section 502  
     * 02/01/2018  
     * This program will print the String "Hello, World!"  
     */  
    public static void main(String[] args) {  
        System.out.println("Hello, World!");  
    }  
}
```

All of your program files should include a comment block at the top that includes, at a minimum, the assignment name (e.g., Lab1), your name and your section number. It is also good practice to include a brief description of the program and the date it was written and/or updated.

Execute the HelloWorld program.

### **Problem 2**

Create another program called MyInfo. Experiment printing various strings and numbers (e.g., your name, your email address, your favorite number, etc. What happens if you change the above method to just `print`, instead of `println`.

Run the MyInfo program.

### **Problem 3 (optional)**

Install Eclipse on your laptop and get it running. You should download the software from <https://www.eclipse.org/downloads/> Make sure you select the correct version for your operating system. The Eclipse IDE for Java Developers is appropriate for this class.

You'll also need Java on your machine, but it is typically already installed on most machines. If it's not on your machine, you can download the Java JRE from <https://java.com/en/>. An even better, but not required, option would be to download the complete Java SDK from <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>.