

## CPS 210 Lab 1 - Hello World Program

**Hello World** is the classic first program to write whenever you are learning a new programming language.

1. Open the **Downloads.pdf** file and follow the directions. You will be downloading **Java** and a **text editor**. If you want to use another text editor besides Sublime and Notepad++, such as an IDE like IntelliJ, that is fine.
2. Create a folder on your computer. Name it **CS1**.
3. Create a folder inside CS1. Name it **Lab1**.
4. Open **notepad++** (if you're using windows) or **Sublime** (if you're using Mac), and save a file named **HelloWorld.java** inside the Lab1 folder.
5. Write a program that displays the message "**Hello World!**" on the screen. Go back to Lecture 1 if you forgot how to do this.
6. Save the file.
7. Open the command prompt/terminal. Use your search bar to find it if needed.
8. Use the command **cd** in your command prompt/terminal to navigate to the Lab1 folder. Again, see lecture 1 if you forgot how to do this. If confused on navigating your folders on the command prompt/terminal, ask your TA for help.
9. **Compile** your program using: **javac HelloWorld.java**
10. **Run** your program using: **java HelloWorld**

11. Have your TA check your work. If it runs with no issues, you are free to leave lab early.

\*Remember: Whenever you make changes to a program, you must always save it and **re-compile** your program. If you don't, the original copy of your program will run instead.

\*\*If at any point you get stuck or confused, ask for help from your TA. They are there to help you!