

# DOCUMENTING YOUR CODE

## WRITING JAVADOC COMMENTS

From this point forward each of the classes and methods that you write should include a Javadoc comment above them!

To add a Javadoc comment in Eclipse, simply move to a blank line above the class or method you want to document and then begin typing the special Javadoc comment: `/**`

Eclipse will fill in appropriate lines depending on whether you are documenting a class:

```
/**
 *
 * @author xxx
 *
 */
```

You must complete the comment:

- First, change the text after the `@author` tag to have your name in Last, First format followed by the period in parenthesis: `Last, First (Period 0)`
- Next, on the line below the author, add the `@version` tag followed by the date in Month Day, Year format (December 1<sup>st</sup>, 2014 for example would be written: `December 1st, 2014`)
- Finally, on the line above the author, add a description of the class.

When documenting a method you will see:

```
/**
 *
 * @param variableName
 * @return
 */
```

You must complete the comment:

- On the line above the first `@param` tag write your description of what this method does.
- Next, on each line that has a `@param` tag, after the variable name, describe what the variable represents. Be sure to include an expected range of values if it is not obvious and what will happen if a value outside the range is given!
- Finally, on the line with the `@return` tag, describe the returned value.