

Documentation Guidelines

We'll follow [Google's Java documentation standards](#):

[See also this Javadoc resource from Oracle](#).

1. At the top of the main class of the program, include a [Javadoc](#) comment with the following:

```
/**          <-----note the extra star
 *Summary fragment explaining the class in a few words.
 *
 *Description of what this program does.  Use short sentences, and separate paragraphs us
 *<p>
 *ADS/Accel/APCS PSxx: Title of problem set
 *Date
 *
 *
 *@author FirstName LastName
 */
```

Example:

```
/**
 *Creates a MadLib
 *This program takes a series of Strings from the user and uses them to fill in the blank
 *<p>
 *ADS PS01: MadLibs
 *11/14/1971
 *
 *@author Richard Stallman
 */
```

2. Above each method: include a [Javadoc](#) comment with the following:

```
/**
 * Summary fragment: <5 words on this method's purpose
 * A description of what this method does, organized using HTML tags like <p>
```

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* Write one short sentence per asterisk.

* Separate paragraphs using <p> and </p> (put text inside those tags)

* Line breaks are

* In this description, you should note any assumptions your method makes.

*

* @author your-name

* @param name1 description1 <--- for each parameter

* @param name2 description2 etc.

* @return description of what the method returns

* @throws any exceptions your method throws

*/

3. Implementation comments: A comment at the start of each reasonable "paragraph" of code that does something.

```
public class DoStuff{
    public static void main(String[] args){
        //declarations
        String s1, s2, s3;
        int n1, n2;

        Scanner reader = new Scanner(System.in);

        //prompt user for various inputs
        s1 = ...; //and so on...
        //perform calculations/data manipulation
        //<a bunch of code goes here>
        //output
        System.out.println(STUFF);

    } //end of main
} //end of DoStuff
```

4. For problem sets 00 through 05 only: Comment at each closing brace telling what it closes

```
public class HelloWorld{
    public static void main(String[] args){

        System.out.println("Hello, World!");
    } //end main()
} //end HelloWorld
```

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