

## Java Code Preparation

1. Properly format your code:
  - a. Your code should be formatted exactly like the code in the Java coding specification from the class web page.
  - b. Be sure to follow naming conventions (e.g., variables are lower case for the first word and upper case for all other with no underscores, etc.), indentation, brace placement, etc.
  - c. Do not use tabs.
  - d. Always use braces on `for`, `while`, `if`, etc.
  - e. Add the appropriate javadoc comments to the beginning of each class file:
  - f. Add the appropriate javadoc comment to each public method and member:
  - g. Liberally comment
2. Import only necessary files. Provide a comment justifying each inclusion.
3. Review a hardcopy of your code, correcting questionable code. Consider the following questions:
  - a. Can all of the numeric constants in the code be justified? `byte x[52]` probably cannot.
  - b. Is the flow of the code easily understandable? Are variable and function names meaningful? Would you want to be given this code for maintenance and modification? If no, why not? How can it be fixed?
  - c. Is the code properly designed and commented?
  - d. Will the program properly terminate in all cases?
4. Check your comment for spelling and grammatical errors!
5. Staple your hard copy.