Project Expectations

1. **Coding Language:** Each program will be written in Java.

2. **Electronic and Printed Copies:** You will submit both an electronic and a printed copy of your code.
   - Electronic versions will be submitted via email. Send all submissions to: **ja-mcquillan@wiu.edu**
   - Printed copies will include a Project Cover Sheet (available on course website) and all code.

3. **Indentation:** All assignment code should follow standard indentation practices. These practices make your code easier for both of us to read. You will lose points if your code is difficult to read due to indentation problems. The following are some indentation guidelines:
   - Indent the code in any block by three or four spaces (be consistent).
   - **If** the body of a loop, if statement, or else clause is a single statement (not a block), brackets are not required. Indent the single statement three or four spaces on its own line.

4. **Academic Integrity:** Assignments are to be your own work. They are not to be the work of another student or person. They are not to be obtained from the Internet or other sources. You may not share your solutions with other students. If you have questions, please ask me or a Lab Assistant for help.

5. **Comments and Documentation**
   - **Program header**: all programs will include a program header. The program header will specify:
     - The name of the program / class
     - The purpose of the program / class – what does the program do?
     - The date the code was written / finished
     - The name of the programmer – your name.

   - **Method headers**: every method you write (except main()) will include a method header. The method header will specify:
     - The name of the method
     - The purpose of the method, explanation of what it does (the user should be able to read the method header to decide if the method will serve his/her purpose)
     - Input values required for the method to function properly, include the type of data and what that data represents (ex. double b represents the base of a triangle, double h represents the height of the triangle.)
     - Output: specify if your method returns a value. If so, describe what the return value is. If no value is returned, indicate whether any output is printed to the screen or a file.

   - **Inline comments as necessary**:
     - Some lines of code may be confusing to another programmer who may be charged with altering your code.
     - Clarify any conditional statements (especially if you are testing for something to be false)
     - Explain the purpose of any loop if it is not easily understood
     - Variable declarations should include meaningful variable names. If an abbreviation is used for a value, clarify this with a comment when the variable is declared.