

Homework 1 – 25 points

1. Pick your favorite geometry formula (e.g., area of a square, perimeter of a triangle ...) and implement it in Java. Also display your name as the author of the program in the output.
2. Create a program document *YourName_hw1.doc* with Title Page and create a Program Design section to include program specifications, test data, input/output, and design using flowcharts or pseudo-code.
3. Implement your program design using NotePad++ or DrJava and name your file *YourName_hw1.java*
4. Compile using Java SE 6 JDK compiler and debug until all syntax errors are eliminated: `javac YourName_hw1.java`
5. Note upon successful compile javac creates the file *YourName_hw1.class*
6. Demonstrate your code runs without logic errors by running the Java Virtual Machine on program: `java YourName_hw1`
7. Create a Program Implement section in *YourName_hw1.doc* and place your source code in this section. Do a screen capture or text copy of the output of your program and paste in this section.
8. Print out the *YourName_hw1.doc* word document and be ready to submit this for grading at the end of Class 2, Week 2.