

CS 100 Exercise 2: The Java Begins
Summer 2001
Due in lecture, Wednesday June 27

Name: _____ **Netid:** _____

1. Objective

The purpose of this exercise is to write some simple Java. Feel free to type this program in and play with it under CodeWarrior (see the CodeWarrior Guide on the Java page off the course website for more details). For the purposes of this exercise, you need only fill in the blanks (write on this page) and submit it at the beginning of lecture.

// Exercise 2, CS 100 Summer 2001

```
public class Exercise2 {
    public static void main(String[] args) {

        // Test your arithmetic abilities
        // (Fill in the blank comments with what the output will be)
        System.out.println(5.0/2.0);      // ____
        System.out.println(5.0/2);       // ____
        System.out.println(5/2);         // ____
        System.out.println(6-2+4);       // ____
        System.out.println(6-(2+4));     // ____
        System.out.println((int)(5.0/2)); // ____

        // Tell the world how tall you are (no variables!)
        System.out.println(_____);

        // Declare some useful variables
        int heightFeet, heightInches;
        // Assign values to them
        // (Fill in values so that the print statement makes sense)
        heightFeet = ____;
        heightInches = ____;
        System.out.println("I am " + heightFeet + " feet, " +
                           heightInches + " inches tall.");

        // Calculate the total inches by initializing totalInches
        // (Provide a formula for calculating the total inches using
        //  heightFeet and heightInches)
        int totalInches = _____;
        System.out.println("That is a total of " + totalInches + " inches.");

        // Convert to centimeters
        double _____ = _____;
        // Print out the number of centimeters in a nice format
        System.out.println(_____);
    }
}
```