CODE AND ALGORITHM STYLE SHEET

Use this as a template for your Java projects in this class.
Comments with <> you should change appropriately, and please remove the <>

```
/*******************************************
 * AUTHOR:          <your name>
 * COURSE:          CS 111 Intro to CS I - Java
 * SECTION:         <class days + time>
 * IC (PROJECT)#:   <homework #>
 * LAST MODIFIED:   <date of last change>
 *******************************************/

/***************************************************************************
 * <TITLE OF PROGRAM>
 ***************************************************************************
 * PROGRAM DESCRIPTION:
 * <1-2 sentences describing overall program>
 ***************************************************************************
 * ALGORITHM:
 * <Pseudocode here>
 ***************************************************************************
 * ALL IMPORTED PACKAGES NEEDED AND PURPOSE:
 * <ex: Scanner= used for console input>
 ***************************************************************************/

// <IMPORTS GO HERE>

public class NameOfClassHere {

        /***** CONSTANT SECTION *****/

        public static void main(String[] args)
        {
                /***** DECLARATION SECTION *****/

                /***** INITIALIZATION SECTION *****/

                /***** INTRO SECTION *****/

                /***** INPUT SECTION *****/

                /***** PROCESSING SECTION *****/

                /***** OUTPUT SECTION *****/
        }
}
```

SAMPLE OF COMPLETED PROGRAM:

```java
/****************************************
 * AUTHOR:            Miguel O'Spartan
 * COURSE:            CS 111 Intro to CS I - Java
 * SECTION:           MW 9:00-10:50am
 * IC (or PROJECT) #:  0
 * LAST MODIFIED:     01/01/2099
 ****************************************/
/******************************************************************************
 * INPUT TEST
 ******************************************************************************
 * PROGRAM DESCRIPTION:
 * Reading two integers from user and outputting their average
 ******************************************************************************
 * ALGORITHM:
 * 1. PROMPT "Please enter first num: "
 * 2. READ firstNum
 * 3. PROMPT "Please enter second num: "
 * 4. READ secondNum
 * 5. CALCULATE sum = firstNum + secondNum
 * 6. CALCULATE average = sum / 2
 * 7. OUTPUT average
 ******************************************************************************
 * ALL IMPORTED PACKAGES NEEDED AND PURPOSE:
 * Scanner = used for console input
 ******************************************************************************/
import java.util.Scanner;

public class InputTest
{
        /***** CONSTANT SECTION *****/
        public static final int NUMS = 2;

        public static void main(String[] args)
        {
                /***** DECLARATION SECTION *****/
                Scanner keyboard;
                int firstNum, secondNum, sum;
                double average;

                /***** INITIALIZATION SECTION *****/
                keyboard = new Scanner(System.in);

                /***** INTRO SECTION *****/
                System.out.println("Welcome to My Average-of-Two Program!");

                /***** INPUT SECTION *****/
                System.out.print("Please enter first num: ");
                firstNum = keyboard.nextInt();
                System.out.print("Please enter second num: ");
                secondNum = keyboard.nextInt();
                keyboard.close(); //Remember:close the scanner

                /***** PROCESSING SECTION *****/
                sum = firstNum + secondNum;
                average = sum / (double) NUMS; //make sure we do float point division

                /***** OUTPUT SECTION *****/
                System.out.println("Your average = " + average);

        }
}
```

Thanks and Credit: Nery Chapeton-Lamas for initial creation of this style sheet.