# Chapter 2 Programming Assignment

**Purpose:** To write a simple application that uses input and output statements, arithmetic operations, decision-making statements, and relational operators. Using the Java API to examine the Java Math class may assist in this assignment.

**Details:**

Create a class called ThreeIntegers that contains the main method. The class should ask the user for three integers as input, and displays the following:

sum = *the\_sum*

average = *the\_average*

product = *the\_product*

smallest = *the\_smallest*

largest = *the\_largest*

where the italic words are the actual calculations on the three integers. Because the application is only using the int data types, *the\_average* will be displayed as an integer value.

Upload the source file to Blackboard.

**Note:** Ensure that your program is properly formatted and it follows all Java naming conventions.