Lab 3

Objectives:

- Practice writing algorithms and programs that use conditional logic.

1. Write an algorithm for determining the largest (maximum) of three numbers, a, b, c. The largest of the three values should be assigned to the variable max.

Finding max – Algorithm:
2. Write two more alternative algorithms for determining the largest of three numbers, a, b, c. The largest of the three values should be assigned to the variable max.

Finding max – Algorithm 2:

Finding max – Algorithm 3:

3. Implement the above algorithms as a Java programs.
You can start by downloading MaximumVersionX.java
http://www.csc.villanova.edu/~map/1051/s16/examples/MaximumVersionX.java

Modify the code (look for ***) to produce three versions. 
Check your work with a classmate –compare algorithms and test each version:

MaximumVersion1.java  Classmate signature: __________________________
MaximumVersion2.java  Classmate signature: __________________________
MaximumVersion3.java  Classmate signature: __________________________
Lab 3 Comments

Comments on this lab, please:

What was the most valuable thing you learned in this lab?

What did you like best about this lab?

Was there any particular problem?

Do you have any suggestions for improving this lab as an effective learning experience?