Lab 3

Name:______________________________________________

Objectives:

Practice writing algorithms and programs that use conditional logic.

1. Write two different 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 1:
2. Write a Java program to implement one of the algorithms.

Demonstrate your program. Signature (instructor/TA) ________________
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3. Create an application called Vacation that prompts for and inputs an integer representing someone’s age and then suggests an appropriate vacation destination. One of three destinations should be suggested depending on whether the answer is less than 20, between 20 and 50, or over 50.

For example, a run of the program might look like this:

   How old is the traveler > 18

   You should consider Hershey Park and the surrounding area.

a) Write your algorithm here:

b) Implement the algorithm. Signature (instructor or TA): ____________________