CSC 1051 - Lab 3

Objectives:
Practice writing algorithms that use conditional logic and writing programs with if-else statements.

Assignment:

1. Write an algorithm and a Java program for determining the largest of three numbers, \( a, b, c \). The largest of the three values should be assigned to the variable \( \text{max} \).

a) Write your algorithm here:

b) Please demonstrate your program __________________________
2. Create an application called Vacation that prompts for and reads in 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.

   Enter 1 to continue, 0 to quit > 1

   How old is the traveler > 38

   Try Aspen. The skiing is fantastic.

a) Write your algorithm here:

b) Please demonstrate your program ______________________