CSCI 1170   Spring 2011   Homework 1   **Name** _____

1. Write the complete function definition for the function named **DupGuess** as described in OLA1.

2. Write the complete function definition for the function named **CorrectGuess** as described in OLA1.

3. Given:
        int values[10]={1, 2, 3, 4, 5, 6, 7, 8, 9, 10};

    Write a C++ code segment that randomizes the values stored in the one dimensional array "values":

4. Write a C++ code segment that rounds an integer value up to the nearest power of 2. For example, a value 17 will be round up to 32, 60 will be round up to 64, and 16 will be round up to 16.