CIS 162 Lab 11
Arrays

Objectives
After completing this lab, you should be able to write short problem solutions involving Arrays

Activity #1 Numbers
- Create a new class called `Numbers` that has an instance variable for an array of integers.
- `public Numbers(int n )` - Constructor that instantiates the array with n elements
- `public void fillRandomly ()` – fill the n elements of the Array with random numbers between 0 and 1000
- `public double calcAverage( )` - calculate and return the average of all N elements.
- `public int findMin( )` - identify and return the minimum value in the array.
- `public int findMax( )` - identify and return the maximum value in the array.

Activity #2 - CodingBat - from Array-2

- countEvens
- lucky13
- withoutTen
- has22
- tripleUp
- sum67

Grading Criteria
This lab is worth a possible 16 points. Demonstrate your code to the lab assistant. (I will be doing project demos.)