

Array Review #1

1. Declare an array of integers which is 5 elements long.
2. Declare and populate a double array with the following values: 1.1, 2.2, 3.3, 4.4, 5.5, 6.6, 7.7
3. Declare a boolean array of 100 elements. The first element should be "true". Alternate between true and false for each of the remaining elements.
e.g. B[0] = true, B[1] = false, B[2] = true, B[3] = false ... B[99] = false

4. Declare an array of 50 Circles. Set the radius of each circle to it's corresponding index within the array.

5. Declare a 50 element integer array and populate the array with random numbers between 1 and 100 inclusively. For random numbers use:

```
/**
 * Provides a random int between minimum and maximum, not including maximum
 * @return minimum <= num < maximum
 */
public static int getRandomInteger( int minimum, int maximum)
{
    return ((int) (Math.random() * (maximum - minimum))) + minimum;
}
```