# Working with Arrays

Program the following in Visual Studio, I called my java file arrayExamples. Provide the code after each example in this document. You will turn in this document when finished.

1. Start off with declaring the following:
2. An int array called arrayInt with a length of 10.
3. A String array called arrayString with the following data.
   * one
   * two
   * three
   * four
   * five
4. A double array called arrayDouble with a length of 15.
5. Print to the user the length of the arrayString.
6. Fill arrayInt with even numbers from 0 to 18 (inclusive) using a for loop. Then print out to the user.
7. Fill arrayDouble with every half number from 0 to 7: meaning 0.0, 0.5, 1.0, 1.5, etc… Then print out to the user.
8. Add up the elements in the arrayInt array. Find the average (no hard coding use .length). Then print the sum and average to the user.
9. Add the elements in each array together and print out to the user.
10. Reverse the elements in the doubleArray (you may need a temporary array). Then print out to the user.