MPL (optional)
sections of 7.1 and 7.2

Programming (not optional)
For this assignment you must write a program in Java as described below.
Make sure your java program has a comment at the beginning that includes your name and the fact that this is homework 6.
Make sure your program is properly indented.
Your program needs a main method and three other methods as described below.
After you have written it, compile it and run it to make sure it works correctly, if your program does not compile you will get a 0.
Then submit to desire2learn filename.java file and filename.class file.

Program Description:
Write a program with a main method that asks the user to enter an array of 10 integers. Your main method then calls each of the three methods described below and prints out the results of the two methods which return values.

printReverse - a void method that prints out the array in reverse of the way it was entered all on one line separated by commas (see sample output below).

getLargest - an int method that returns the largest value in the array.

computeTwice- an method that returns an array of int which contains two times of all the numbers in the array (see the sample output below).

Sample output:

Enter a number:
22
Enter a number:
34
Enter a number:
21
Enter a number:
35
Enter a number:
12
Enter a number:
4
Enter a number:
2
Enter a number:

3
Enter a number:
99
Enter a number:
81

Here are your numbers in reverse: 81, 99, 3, 2, 4, 12, 35, 21, 34, 22
The highest number is 99
The array with two times the numbers: [44, 68, 42, 70, 24, 8, 4, 6, 198, 162]