Do these problems in the same class. Use the main method to call the methods. The array needs to be passed into the methods. Do not use a second array to solve these problems. Create a fourth method that will print any array passed into it.

Program 1: Create a method that will sort an array that is passed into the method using bubble sort. Make sure you test the program.

Program 2: Create a method that will sort an array that is passed into the method using selection sort. Make sure you test the program.

Program 3: Create a method that will sort an array that is passed into the method using insertion sort. Make sure you test the program.