IntegerSort Lab Requirements

Write a program that allows the user to enter a list of numbers (one at a time) and then displays the list of numbers in numerical order.

Create a graphical user interface that provides the following:
- An appropriate label and text box so the user can enter a number
- A button for the user to click to submit the number
- A button for the user to click to show the sorted list of numbers and the average of the numbers
- A button for the user to clear the list of numbers
- An appropriate label and textarea to display the sorted list and the average of the numbers

Add each number to an ArrayList when they click the submit button. The numbers MUST be wrapped as Integers to be added to the ArrayList.

Choose to sort the ArrayList using either BubbleSort, InsertionSort, or SelectionSort.

When calculating the average you will need to unwrap each Integer to get its intValue.