CS 111 Lab 9

20 points

Goal: Test your understanding of the sorting algorithms

In this lab you will be implementing 3 types of sorting algorithms.

- The three sorting algorithms you will implement are: Selection Sort, Bubble Sort, and Insertion Sort.

- Import the Lab9 assignmnet into eclipse and you will see two java files in the src directory. IntSorts.java and IntSortsTests.java. IntSortsTests are all the unit tests that will check to make sure your sort algorithms are implemented correctly. IntSorts contains the method stubs for each of the sorting algorithms which you need to implement.

- **Tip:** Make a swap function that takes two indexes and an array and swaps the elements at those indexes. All 3 sorting algorithms can use this swapping function.

Additional requirements:

- Name included at the top of your code
- Clean readable and commented code