# 04 LAB - Sorting Algorithms

You must implement the following sorting algorithms inside the file Sorts.java which is in your 04_lab_sort repo:

Bubble Sort: public static void bubbleSort(int[] data)
Insertion Sort: public static void insertionSort(int[] data)
Selection Sort: public static void selectionSort(int[] data)

From your Driver.java file you must call the sorting methods. You must randomly generate the array that is going to be sent as a parameter when you call the methods.

You must upload the pseudocode for each sorting algorithm to your repo.

**Specifications:**

- Do not use an ArrayList
- The methods in Sorts.java should be void
- Print the status of your array after each step/iteration performed by your algorithm. This is a good way to debug your code and make sure your algorithm is working properly.
- Do not use recursion.