# **Sorting Benchmark**

### Goal

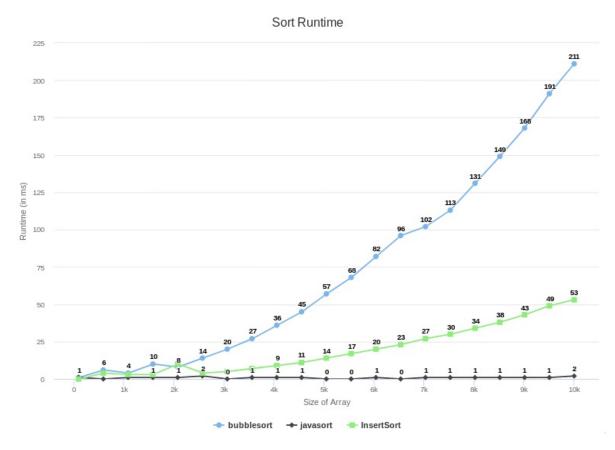
Understand the performance of sorting algorithms by implementing and benchmarking them.

### **Tasks**

We will be sorting arrays of integers

- 1. Implement two quadratic sorting algorithms.
- 2. Implement two efficient sorting algorithms.
- 3. Benchmark the four algorithms against the standard sorting algorithm provided in the standard library, at small scale and at medium scale.

# **Sample Output**



### Help

Help

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