Yijia Tiffany Gao

CS102---Data Structure

HW3

Improved Insertion Sort comments could be found in the code

Since the amount of data from the hw3 is very small. Sorting them usually takes less than one millisecond. Therefore, I used System.nanoTime() instead to get comparable results.

The result could be divided by 1'000'000'000 to show in seconds;

Example Running Time Calculation

Input: 12, 14

Merge sort: 145,9104

Bubble sort: 219,3324

Quick sort:70,7461

improved: 59,1318