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Program Structures & Algorithms

Spring 2021

Assignment No. 2

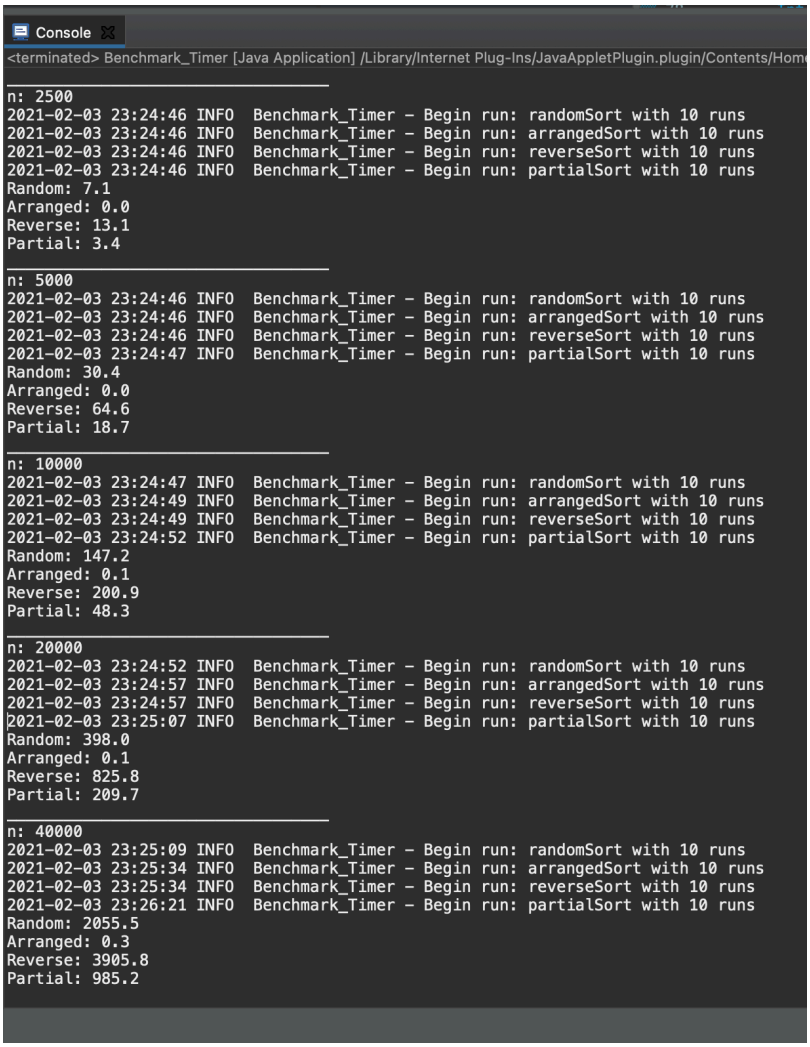
- ## Task

Benchmarking of Insertion sort for random, arranged, partially arranged and reverse order arrays

- ## Conclusion:

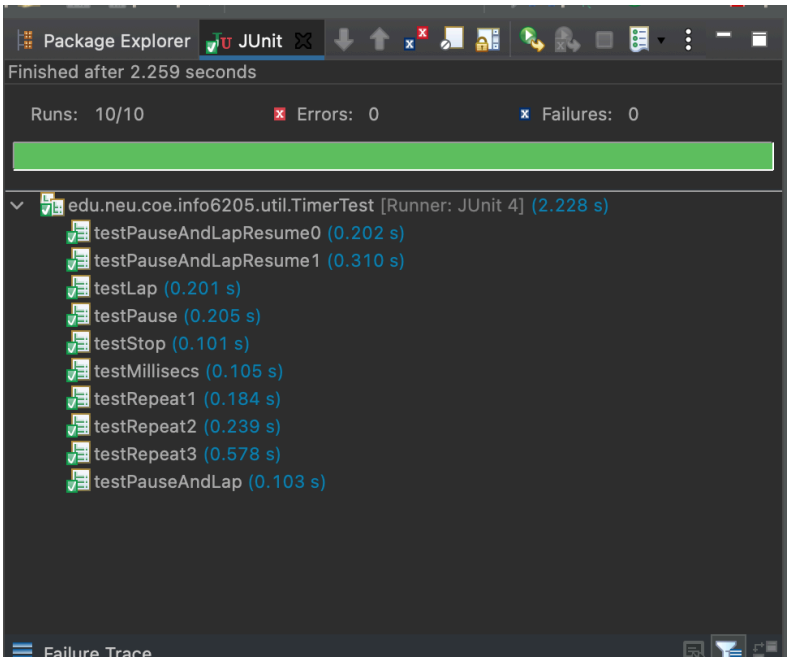
Insertion Sort takes the most time with reverse order as we can see. This is due to the fact that it'll swap every time as nothing is in order. After that a random array of integers takes the most time, followed by partially arranged. The arranged array hardly took any time.

- ## Evidence to support the conclusion:

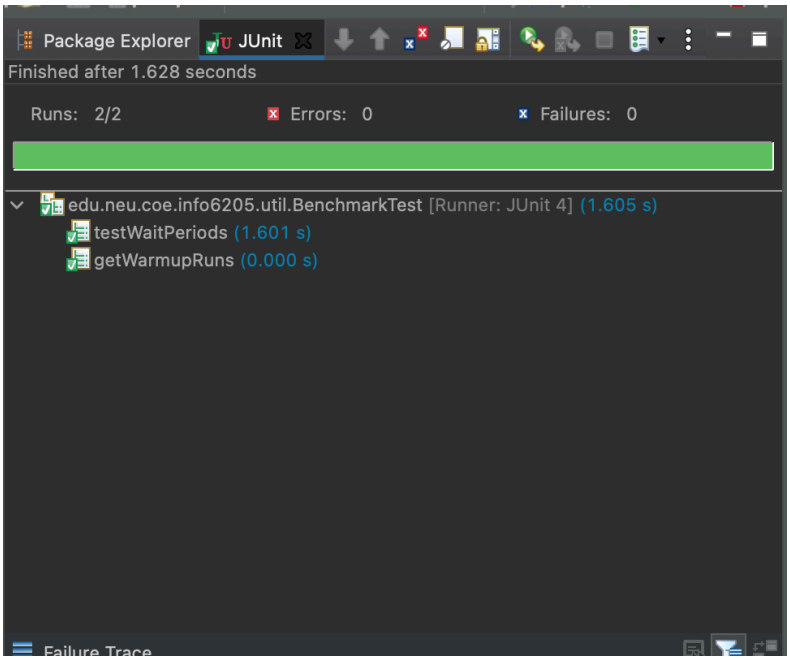
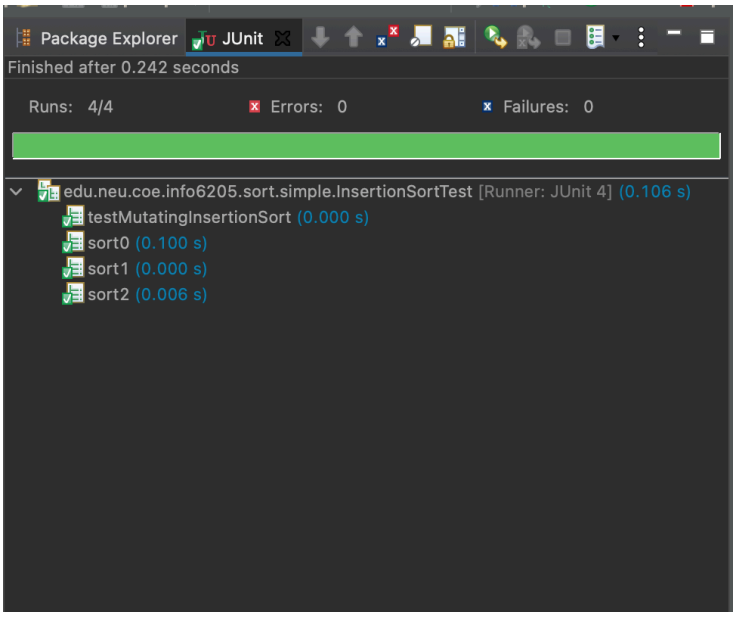


- **Unit tests result:**

Timer Test



Benchmark Test



Insertion Sort Test