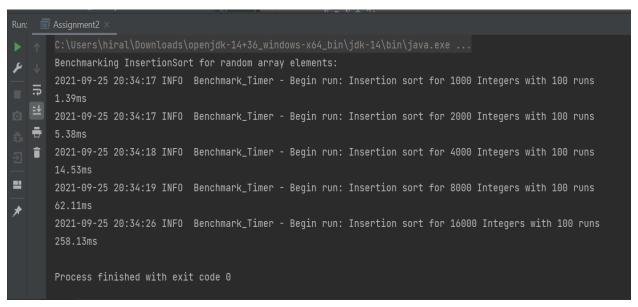
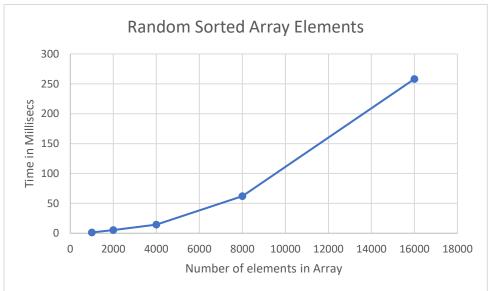
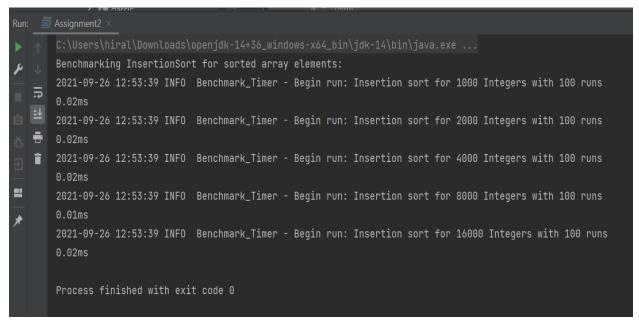
Random Array elements

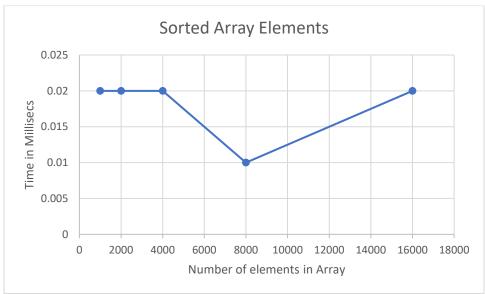




For random elements in array elements, after running insertion sort on the array, it shows $O(N^2)$ time complexity, this result is as expected for random elements

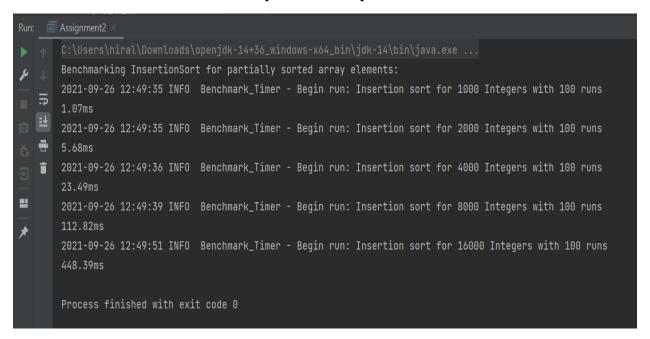
Sorted array elements

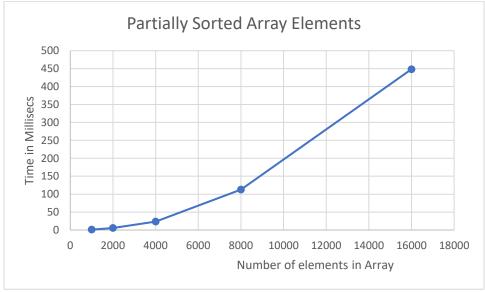




For sorted elements in array elements, after running insertion sort on the array, it shows approximately O(N) time complexity, this is as expected for sorted elements

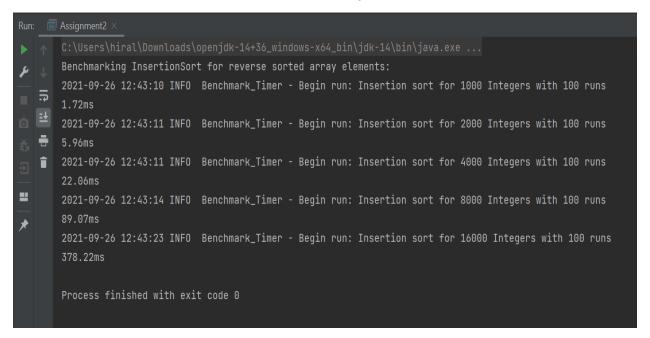
Partially sorted array elements

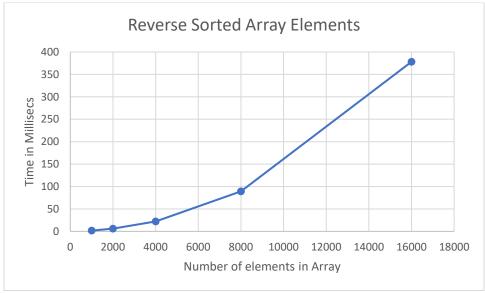




For partially sorted elements in array elements, after running insertion sort on the array, it shows $O(N^2)$ time complexity. This result is as expected for partially sorted elements

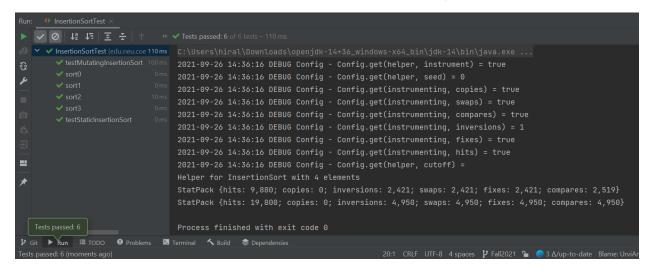
Reverse sorted array elements



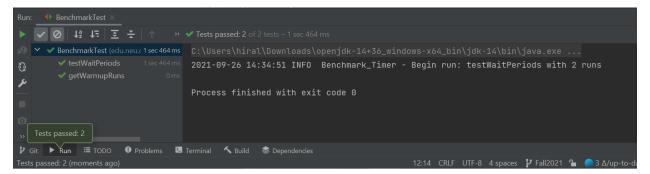


For reverse sorted elements in array elements, after running insertion sort on the array, it shows $O(N^2)$ time complexity. This result is as expected for partially sorted elements

Test Cases run on InsertionSortTest.java



Test Cases run on BenchmarkTest.java



Test Cases on TimerTest.java

