Length	Bubble sort	Selection sort	Insertion sort	Heap sort	Quick sort	Merge sort
1000	0.003	0.001	0.001	0.001	0	0
5000	0.072	0.036	0.22	0.002	0.001	0.001
10000	0.347	0.139	0.086	0.004	0.002	0.001
50000	10.315	3.696	2.371	0.023	0.01	0.001
100000	38.826	14.538	9.638	0.051	0.02	0.021
200000	160.28	56.978	37.202	0.139	0.043	0.042
300000	364.904	127.682	84.522	0.285	0.083	0.084

Note :-

The Graph has 2 Y-axis with two different scale a big one (right) for (selection , insertion and bubble sort) , and a small one () for (Heap , Merge and Quick sort) ,
Just to be able to show the difference between all of them in one single plot .

Sorting Algorithms comparison

	1000	5000	10000	50000	100000	200000	300000
Heap sort	0.001	0.002	0.004	0.023	0.051	0.139	0.285
Quick sort	0	0.001	0.002	0.01	0.02	0.043	0.083
Merge sort	0	0.001	0.001	0.001	0.021	0.042	0.084
Bubble sort	0.003	0.072	0.347	10.315	38.826	160.28	364.904
Selection sort	0.001	0.036	0.139	3.696	14.538	56.978	127.682
Insertion sort	0.001	0.22	0.086	2.371	9.638	37.202	84.522
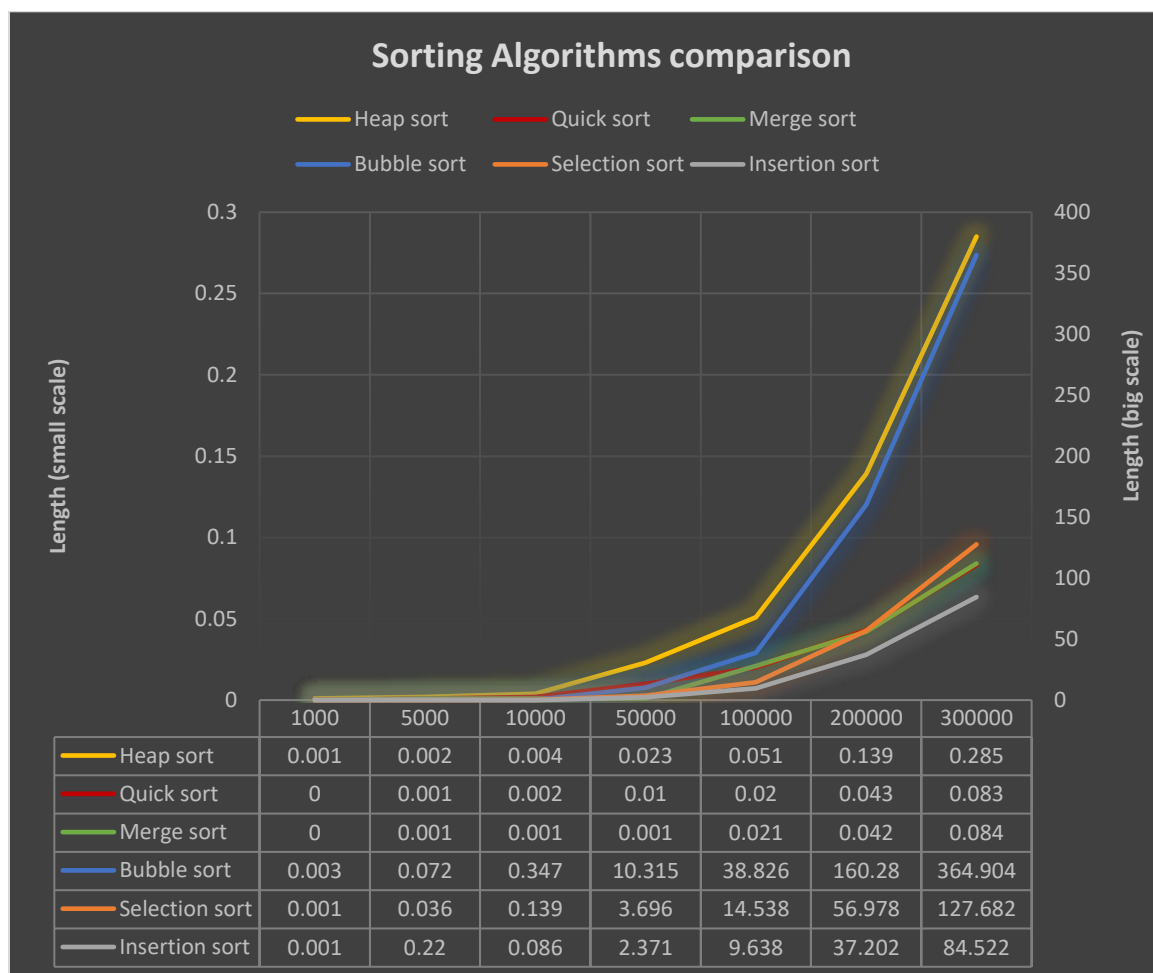
As expected Bubble sort was the killer of the party here with unmatchable scale xD

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