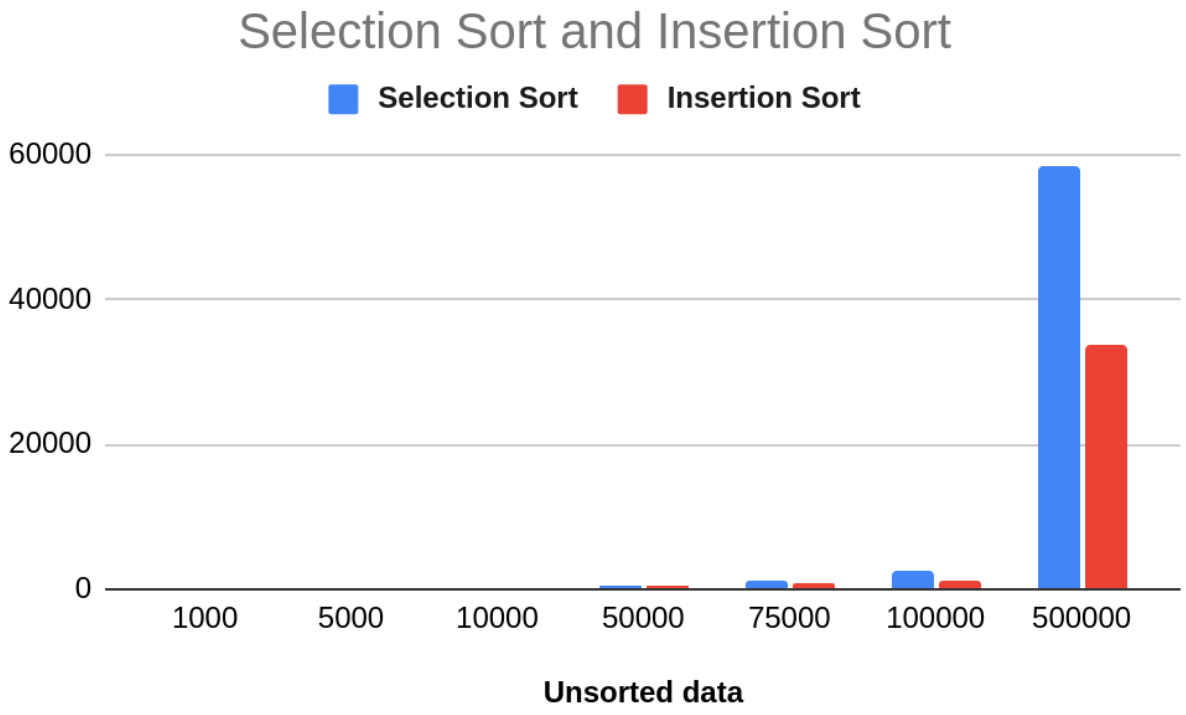
Waleed Ousama Khamees

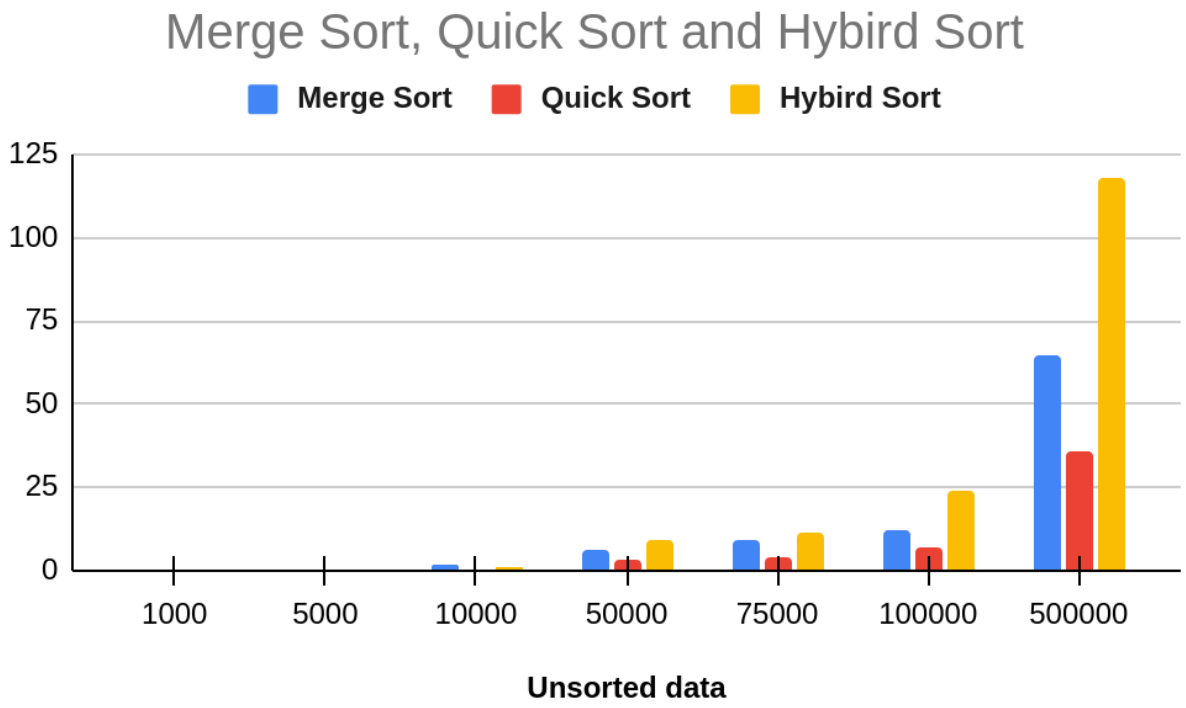
Sorting HW2

Sec : 2 - BN : 31

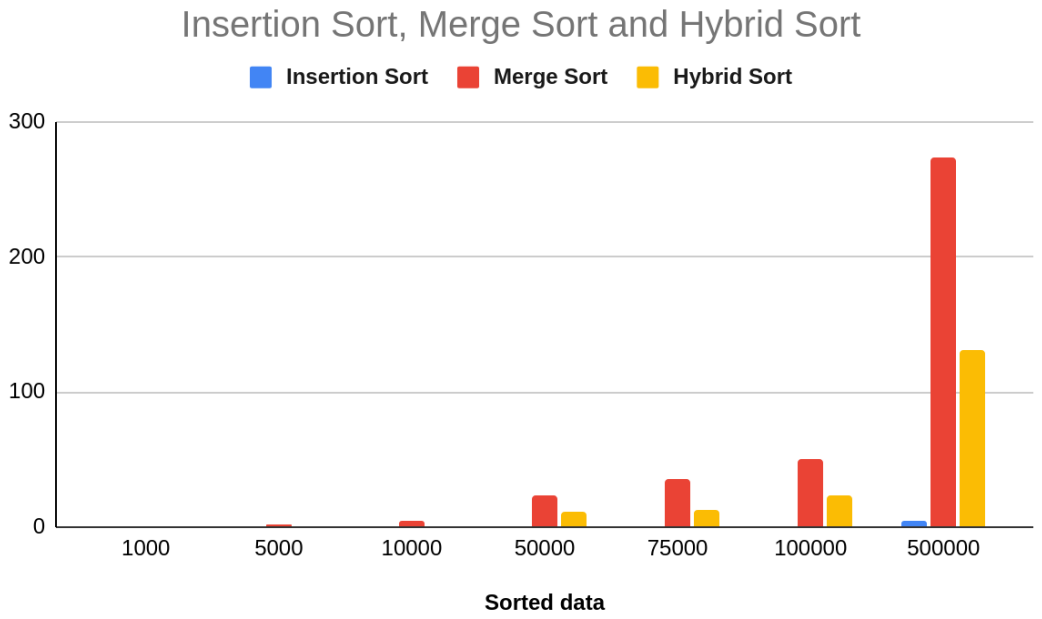
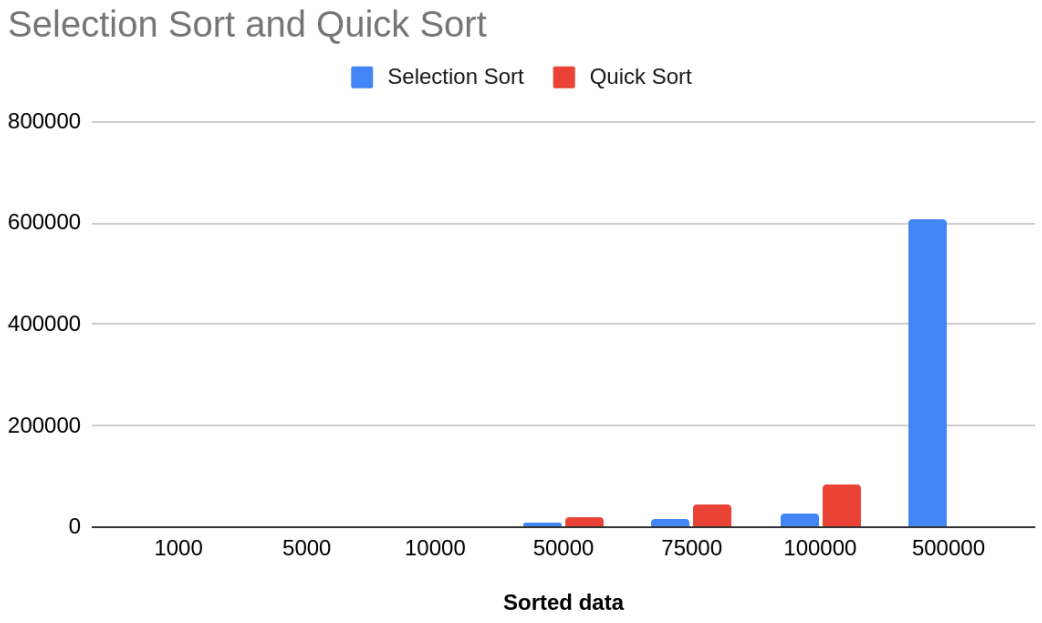
Unsorted Data

Unsorted data	Selection Sort	Insertion Sort	Merge Sort	Quick Sort	Hybird Sort
1000	0	0	0	0	0
5000	7	3	0	0	0
10000	26	16	2	0	1
50000	580	329	6	3	9
75000	1295	743	9	4	11
100000	2362	1319	12	7	24
500000	58466	33603	65	36	118





Sorted Data

Sorted data	Selection Sort	Insertion Sort	Merge Sort	Quick Sort	Hybrid Sort
1000	2	0	0	8	0
5000	70	0	2	200	0
10000	280	0	5	800	1
50000	7306	0	24	20176	11
75000	16076	0	36	45298	13
100000	28447	0	50	85400	23
500000	608131	4	274	*	131

*Quick sort caused segmentation fault no matter what I did, increasing the stack size did nothing