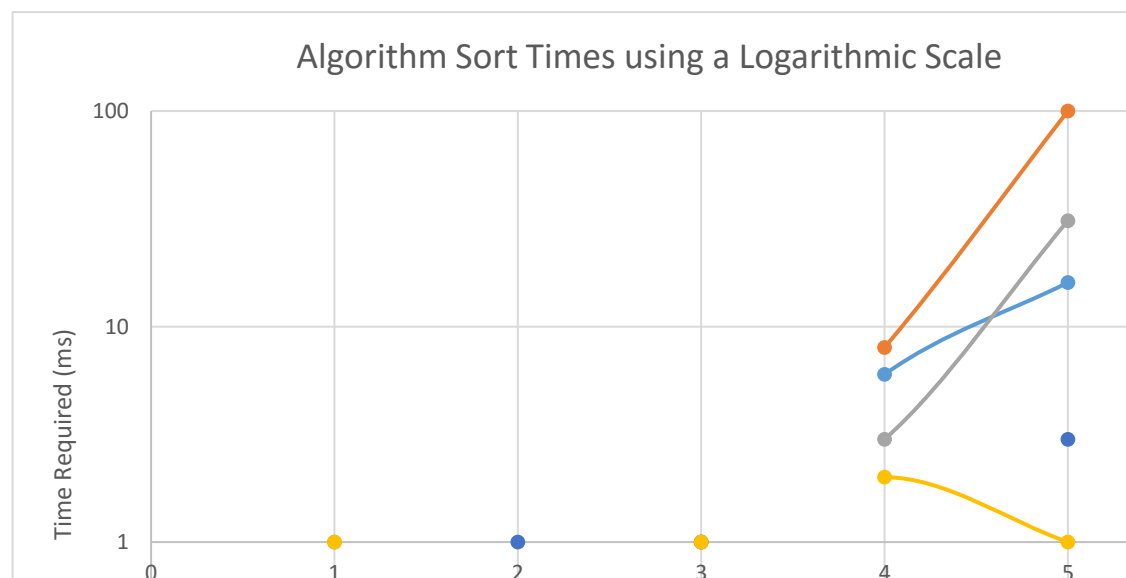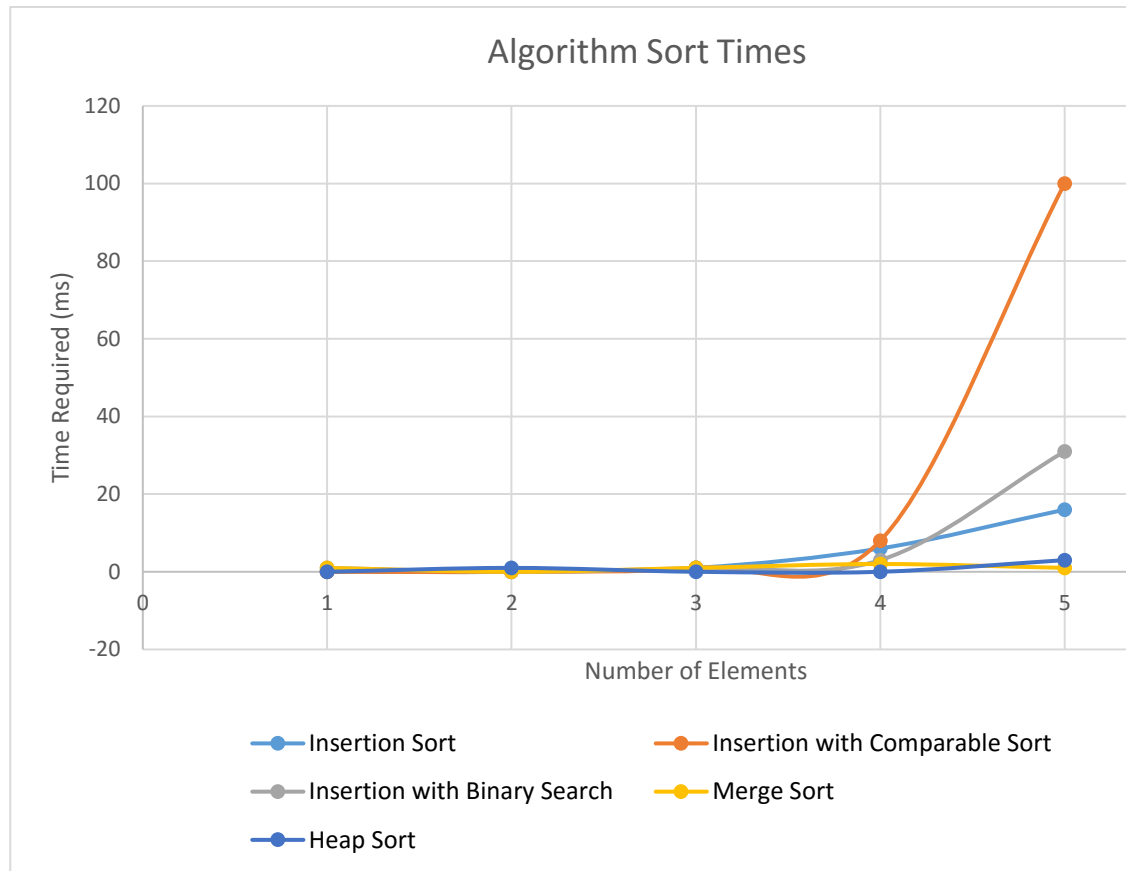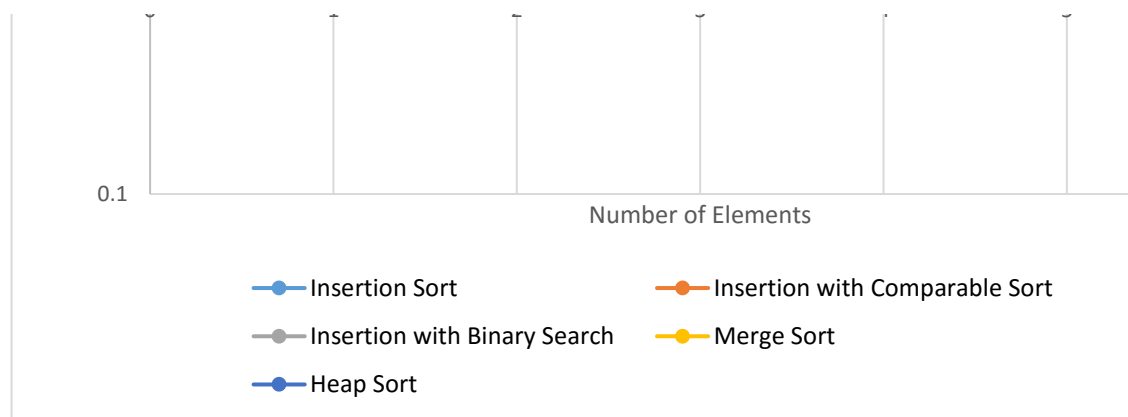|	16 Elements	64 Elements	256 Elements	1024 Elements
Insertion Sort	0	0	1	6
Insertion with Comparable Sort	0	0	1	8
Insertion with Binary Search	1	0	1	3
Merge Sort	1	0	1	2
Heap Sort	0	1	0	0

Algorithm Sort Times

Algorithm Sort Times using a Logarithmic Scale

0.1

Number of Elements

- Insertion Sort
- Insertion with Comparable Sort
- Insertion with Binary Search
- Merge Sort
- Heap Sort

4096 Elements	16384 Elements	65536 Elements
16	123	2328
100	359	10573
31	54	860
1	5	27
3	13	20

Due to how sporadic the graph and my results are it is very difficult to properly make a hypothesis on the sort times of larger algorithms.

The new sizes of 2^14 and 2^16 are included in the table

6

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