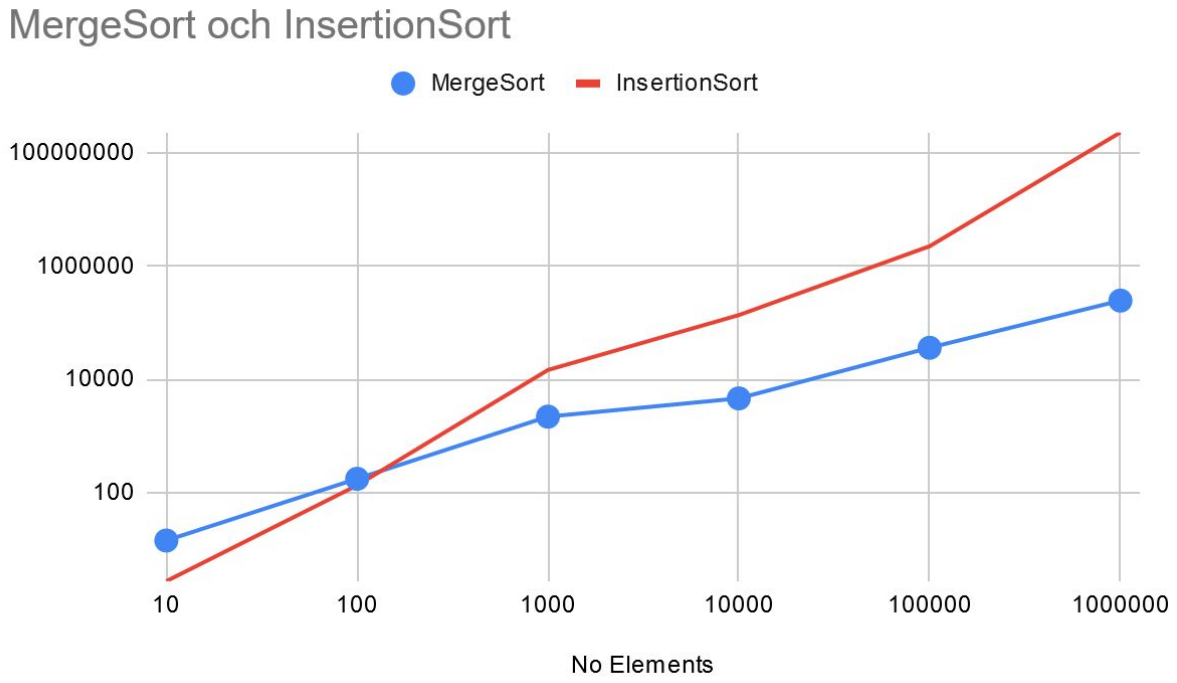
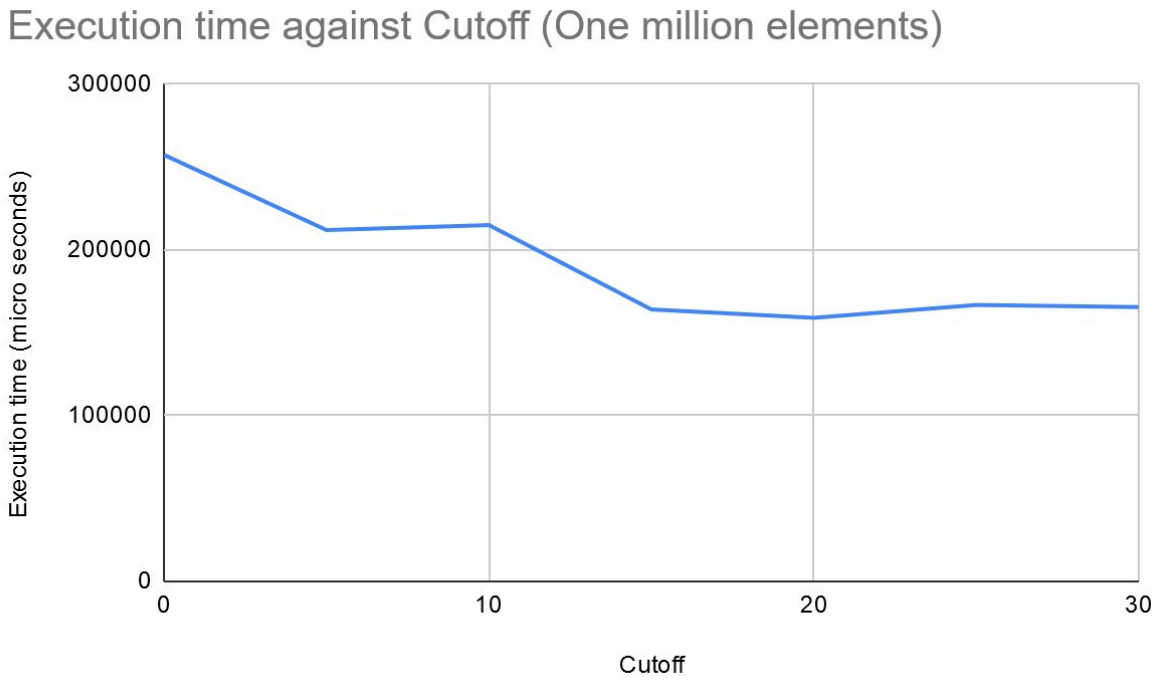
Assignment 5



Both axes are logarithmic scales.

Shows insertion sort being faster for smaller arrays and merge sort being faster for bigger.

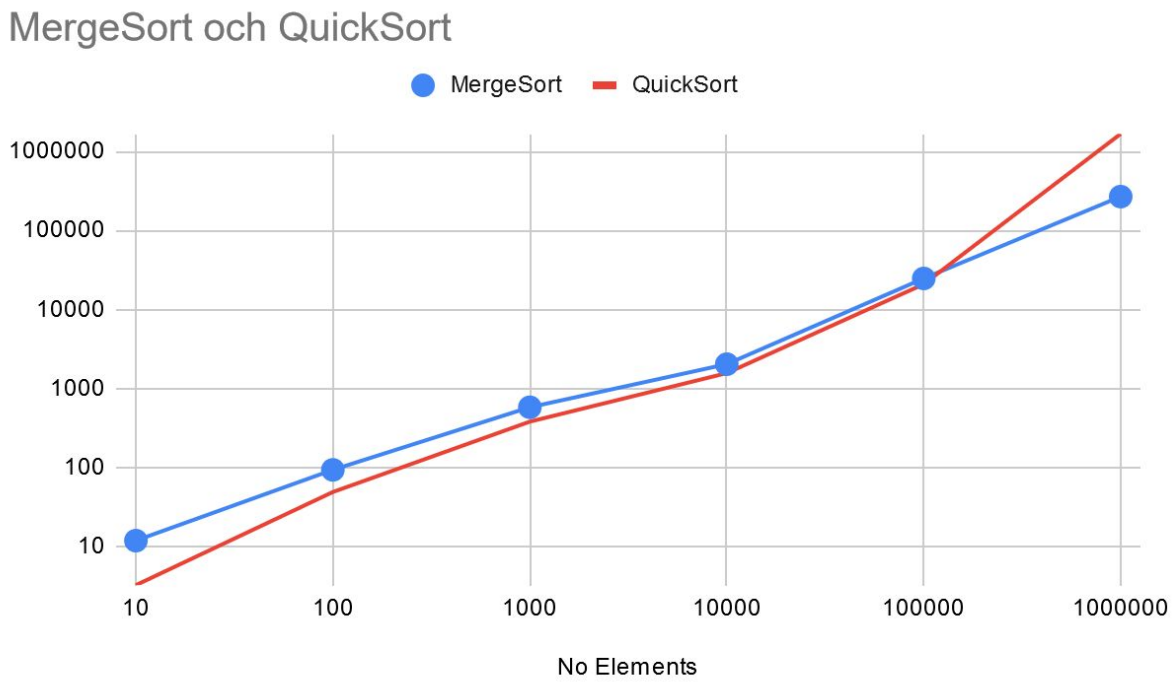
Assignment 6



Shows 0 cutoff (no use of insertion sort) being the slowest and higher values of cutoff being faster. This makes sense since as seen in assignment 5, insertion sort is faster for arrays up to size somewhere between 100-1000.

Cutoff values used are: 0, 5, 10, 15, 20, 25, 30.

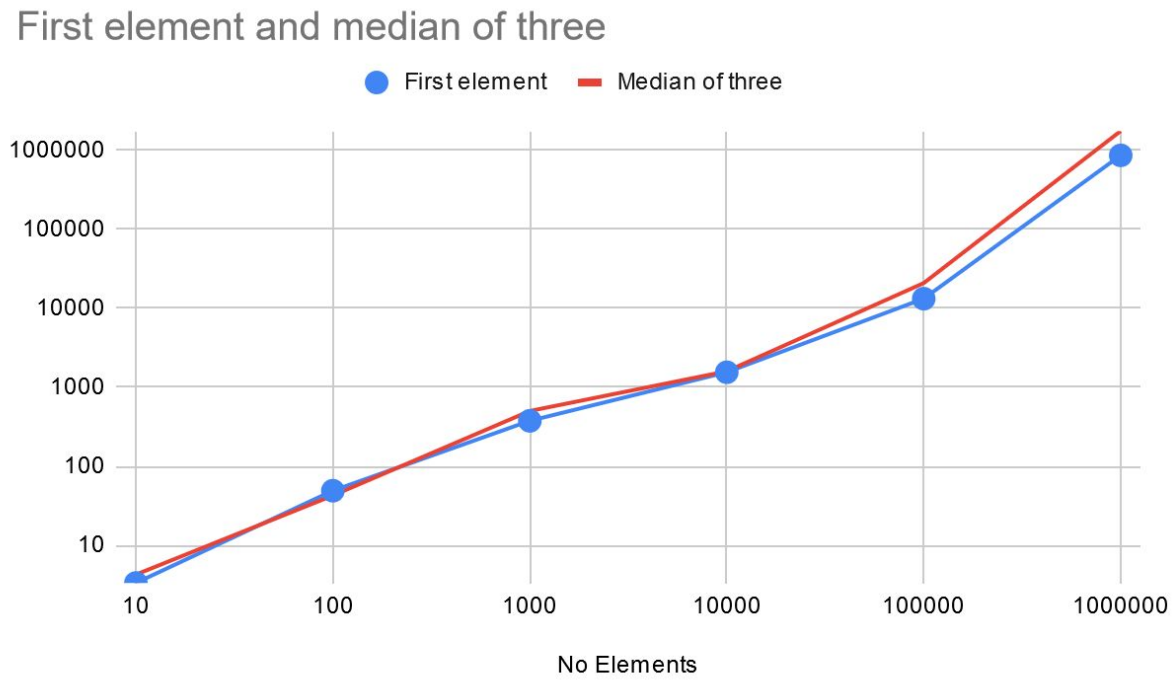
Extra assignment 2



Both axes are logarithmic scales.

Shows quick sort being faster for smaller arrays and merge sort starting to become faster for bigger arrays.

Extra assignment 3



Both axes are logarithmic scales.

Shows median of three and first element being roughly the same speed which is not what was anticipated