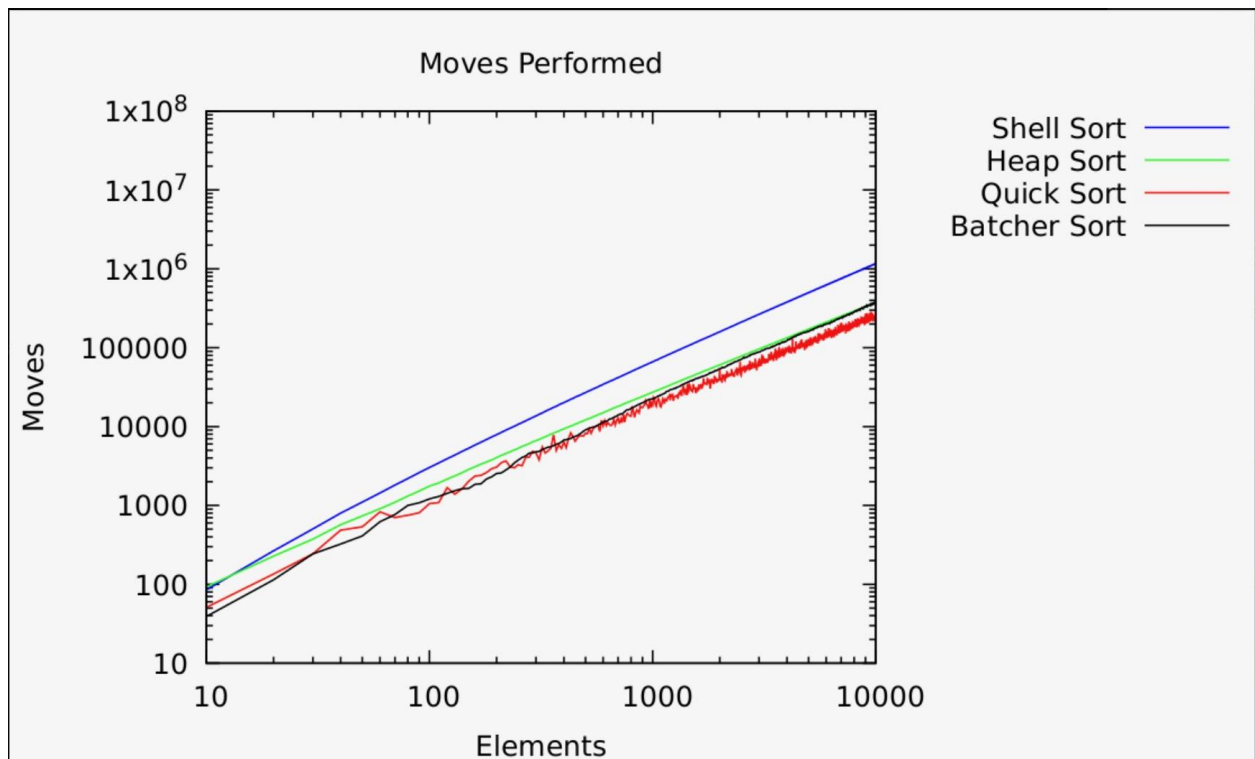


## WRITEUP



As you can see, at the beginning of the graph Batch sort seemed to be the most efficient as it was taking the least amount of moves performed to perform the task. While Heap sort seemed to be the least efficient for taking more moves than the others to complete the given task. However as there are more elements you should notice that there are quite a few merges between the lines on the graphs. At the end of the graph you notice that the results are different than that of the beginning. Now the most efficient and effective would be Quick sort, whereas the least efficient would be Shell sort.