

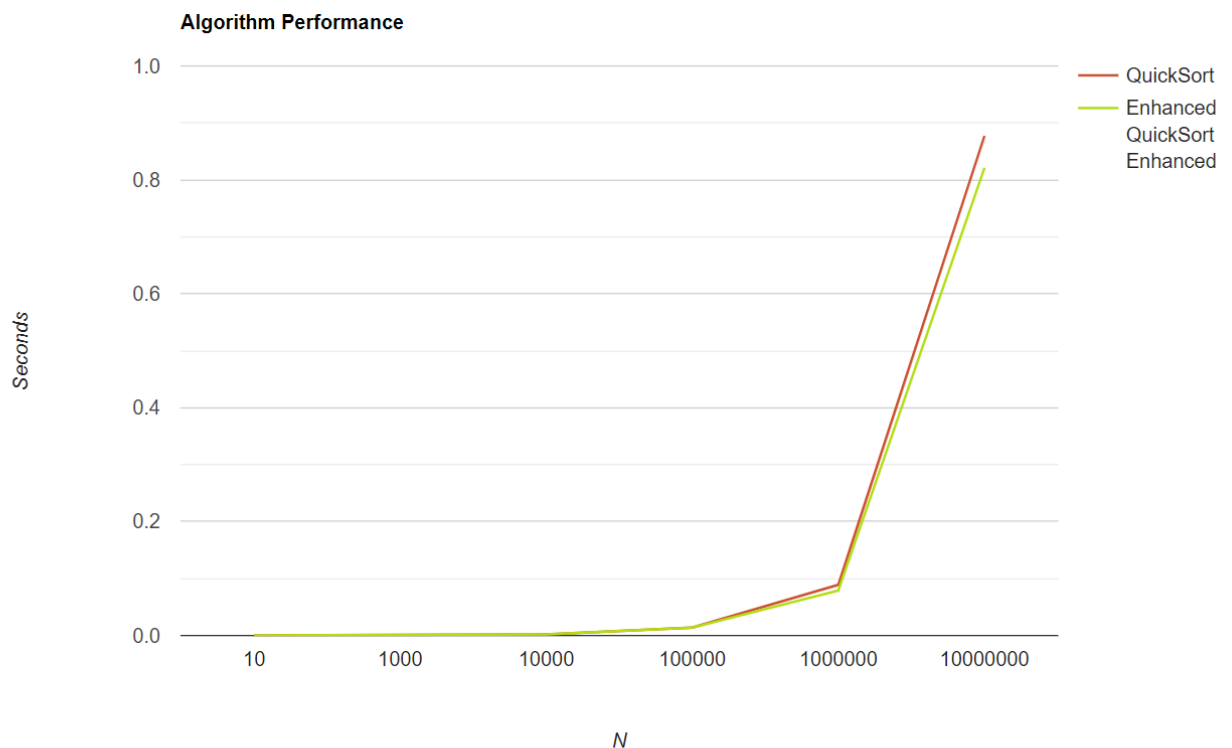
Practical 6: Advanced Sorting Algorithms

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Results

N	QuickSort	Enhanced QuickSort
10	0.0	0.0
1,000	0.001	0.001
10,000	0.002	0.002
100,000	0.014	0.014
1,000,000	0.089	0.079
10,000,000	0.877	0.821

Graph



As you can see from the above graph and table, Enhanced Quicksort appears to perform marginally better than Quicksort for big values of N . This is thanks to the improvements which were implemented in this function.