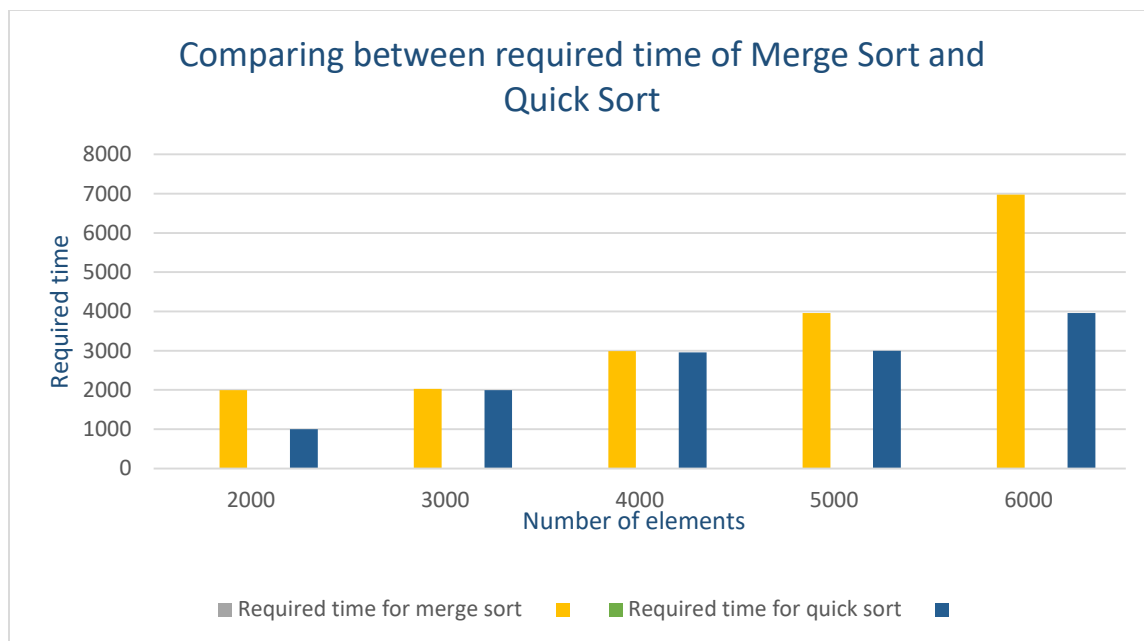


Comparing between Merge sort and Quick sort:

Data Table:

Number of elements	Required time for merge sort	Required time for quick sort
2000	1996	998
3000	2027	1996
4000	2989	2960
5000	3956	2994
6000	6978	3957

Required time analysis:



Conclusion: Quick sort is faster than merge sort.