

Subject

Sat	Sun	Mon	Tue	Wed	Thu	Fri
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Time		Date				

- 1) Here I implemented the pseudocode of merge sort Algo.
- 2) Here I took the merge sort Algo and tweaked it so that it only compared the values and returned the large one.
- 3) Implemented the merge method but incremented a counter only when there was a value less than the current one.
- 4) Found out the max value and the max possible sum ~~per~~ value and compared throughout the array.
I mergesorted the array of q^2 squared values and so my time complexity is $O(N \log n)$

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- 5) Implemented the pseudocode for quicksort.
- 6) Used the logic of partition of quick sort and searching to find out the k th smallest value (Basically quick select Algo).