Assignment - 12 Sort the Pollowing elements using merge sort divide and conquer Stage by 238, \$7, 43, 3, 9, 82, 10, 15, 86, 52, 60,5] using and analyze time complexity. biven array Herge sort 8 2 9 8 2 3 43 15 8L 5 L 27 38 SL 60 82 9 10 .. sorted sort (3,5,9,10, 15, 27, 38, 43, 52,60, 82,80 Time complexity = O(n) Sout the array by 64 34 25 12 2211 90 using bubblesort whatis the time Complexity of sclection sort in the best & average case. Briven arras = 64 34 gs 12 22 11 90 in bubbicsost we bring from smallegt element in there correct 8 2 

position continue this until each element reach there.

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