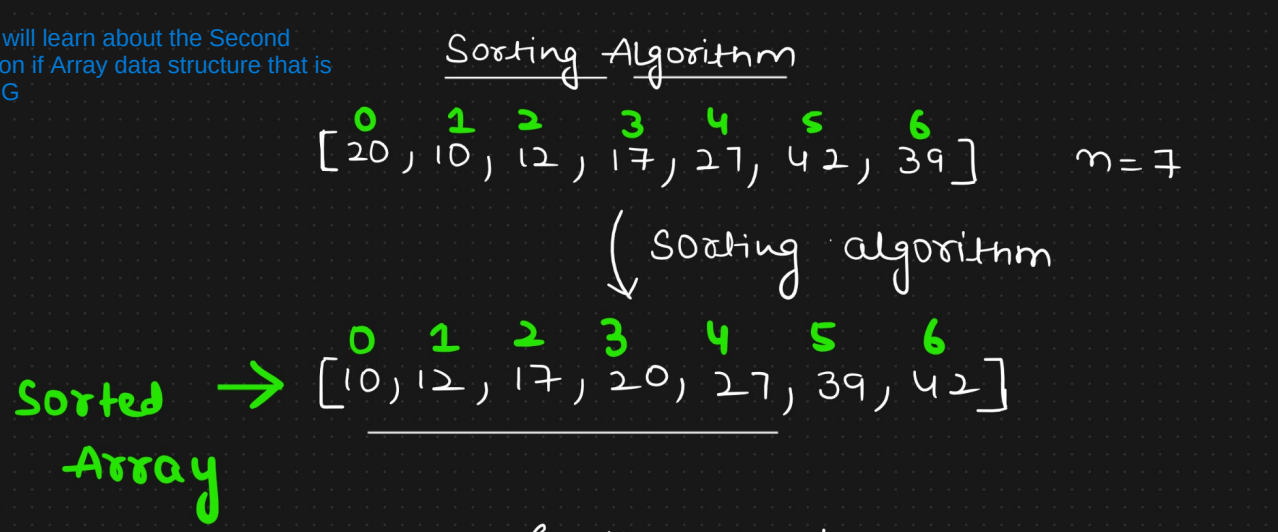
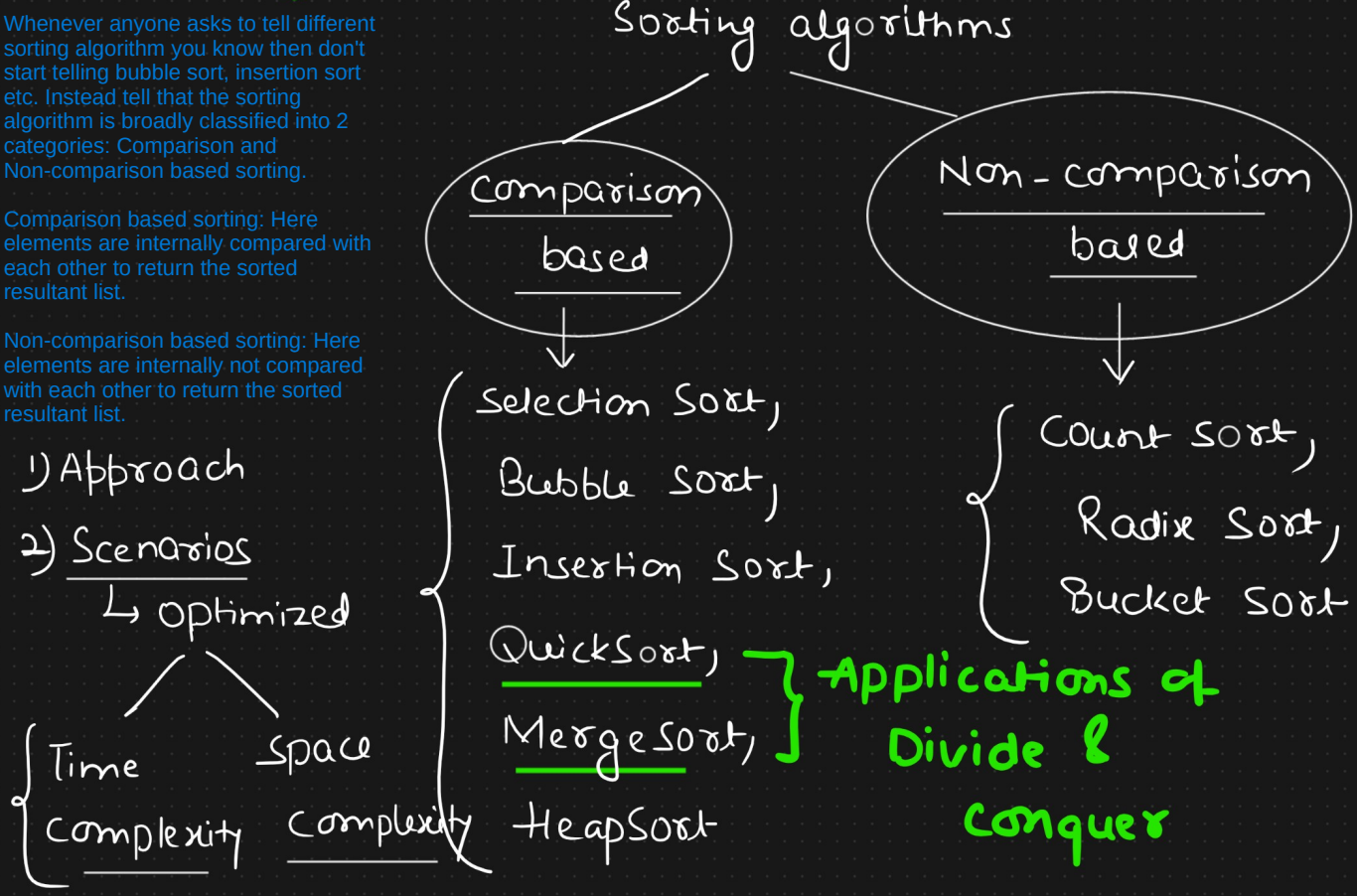
Now we will learn about the Second application if Array data structure that is SORTING



Whenever anyone asks to tell different sorting algorithm you know then don't start telling bubble sort, insertion sort etc. Instead tell that the sorting algorithm is broadly classified into 2 categories: Comparison and Non-comparison based sorting.

Comparison based sorting: Here elements are internally compared with each other to return the sorted resultant list.

Non-comparison based sorting: Here elements are internally not compared with each other to return the sorted resultant list.



Based on the scenario one will decide which sorting algo to apply