

Real-time Applications of Divide and Conquer Algorithms

Merge Sort-

- It is used in large databases since the sort takes more space but is very efficient.
- If there are two sets of answer sheets from a class and they are to be sorted, they can be sorted by simply sorting them individually and merging them.

Quick Sort-

- It is used in search engines ~~Sx~~ and search bars in E-commerce websites, since it is fast and doesn't require more space.

Binary Search-

- When looking up words in dictionary, we don't look from the starting. We look up the first letter and find the word from there onwards.