



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. Which sorting algorithm uses a divide-and-conquer approach?

- A. Bubble Sort
- B. Insertion Sort
- C. Merge Sort
- D. Selection Sort

Solution: Merge Sort uses a divide-and-conquer approach by dividing the array into halves, sorting them, and then merging.

Q2. What is a real-world application of Quick Sort?

- A. Database indexing
- B. Image processing
- C. File sorting
- D. All of the above

Solution: Quick Sort is widely used in real-world applications such as database indexing, image processing, and file sorting due to its efficiency.



