SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. Which sorting algorithm is based on the divide-and-conquer principle and is stable?

A. Quick Sort
B. Merge Sort
C. Heap Sort
D. Bubble Sort

Solution: Merge Sort is a stable sorting algorithm that uses the divide-and-conquer principle.

Q2. Which sorting algorithm is best suited for large datasets that do not fit into memory?

A. Quick Sort
B. Merge Sort
C. Heap Sort
D. Bubble Sort

Solution: Merge Sort is best suited for large datasets that do not fit into memory due to its external sorting capabilities.

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