SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. In which scenario is Quick Sort generally preferred over Merge Sort?

A. When memory usage is a concern
B. When the data is nearly sorted
C. When stability is required
D. When the data is small

Solution: Quick Sort is generally preferred over Merge Sort when memory usage is a concern, as it is an in-place sorting algorithm.

Q2. What is the best-case time complexity of Insertion Sort?

A. O(n log n)
B. O(n^2)
C. O(n)
D. O(log n)

Solution: The best-case time complexity of Insertion Sort is O(n) when the array is already sorted.

SoulShift

SoulShift – Educational Q&A Platform © 2024–2025 | Licensed for individual use only | SS-36C15D65