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SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. In which scenario does Heap Sort perform better than Quick Sort?

A. When the array is nearly sorted
B. When the array is large
C. When memory usage is a concern
D. When the array is small

Solution: Heap Sort performs better than Quick Sort when memory usage is a concern, as it is an in-place sorting algorithm.

Q2. What is the primary advantage of using Quick Sort over other sorting algorithms?

A. Simplicity of implementation
B. Better average-case performance
C. Stability
D. Lower memory usage

Solution: The primary advantage of using Quick Sort is its better average-case performance.

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