



# **SoulShift - Educational Q&A Platform**

## **General Questions**

Practice Questions



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

- A. When memory usage is a concern
- B. When stability is required
- C. When the data is nearly sorted
- D. When the data is large and random

*Solution: Quick Sort is preferred when memory usage is a concern because it is an in-place sorting algorithm.*

**Q2. What is the primary advantage of Merge Sort over Quick Sort?**

- A. Faster for small datasets
- B. In-place sorting
- C. Stable sorting
- D. Lower average time complexity

*Solution: The primary advantage of Merge Sort is that it is a stable sorting algorithm, maintaining the relative order of equal elements.*



