



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. In Quick Sort, what is the effect of choosing a bad pivot?

- A. Increased space complexity
- B. Increased time complexity
- C. Decreased time complexity
- D. No effect

Solution: Choosing a bad pivot can lead to increased time complexity, potentially degrading to $O(n^2)$ in the worst case.

Q2. Which of the following is true about Quick Sort?

- A. It is always faster than Merge Sort
- B. It is not in-place
- C. It can be implemented using recursion
- D. It is stable

Solution: Quick Sort can be implemented using recursion, although it is not a stable sorting algorithm.



