SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. In binary search, what happens to the search space after each comparison?

A. It doubles
B. It halves
C. It remains the same
D. It increases linearly

Solution: After each comparison, the search space is halved, which is the key to its efficiency.

Q2. Which of the following is a prerequisite for implementing binary search?

A. The array must be sorted
B. The array must be dynamic
C. The array must be of even length
D. The array must contain integers only

Solution: Binary search can only be implemented on a sorted array.

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