SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What is the result of binary search if the target is less than the middle element?

A. Search the left half
B. Search the right half
C. Return the middle element
D. End the search

Solution: If the target is less than the middle element, binary search continues the search in the left half of the array.

Q2. How does binary search determine the middle index of an array?

A. (low + high) / 2
B. low + high
C. low * high
D. high - low

Solution: Binary search calculates the middle index using (low + high) / 2 to find the midpoint of the current search range.

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