SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What will be the output of the binary search function if the target is not found?

A. The index of the closest element
B. The index of the target
C. -1
D. 0

Solution: Typically, binary search returns -1 if the target value is not found in the array.

Q2. If the array is [1, 2, 3, 4, 5] and the target is 3, what will be the mid index during the first iteration?

A. 0
B. 1
C. 2
D. 3

Solution: The mid index is calculated as (0 + 4) // 2 = 2, which corresponds to the value 3.

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