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General Questions

Practice Questions

Q1. What will be the output of the following Python code: arr = [1, 2, 3, 4, 5]; binary_search(arr, 3)?

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

Solution: The binary search will return the index of the element '3', which is 2.

Q2. What happens if the element being searched for is not present in the array during a binary search?

A. It returns -1
B. It raises an error
C. It returns the last index
D. It returns None

Solution: Typically, if the element is not found, binary search returns -1 to indicate absence.

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