SoulShift

SoulShift – Educational Q&A Platform

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.