



## **SoulShift - Educational Q&A Platform**

### **General Questions**

Practice Questions



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**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.*



