



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

## **General Questions**

Practice Questions



---

**Q1. How does binary search determine the middle element of the array?**

- A. Using the first and last index
- B. Using the average of all elements
- C. Using the median value
- D. Using a random index

*Solution: Binary search calculates the middle element using the formula  $(low + high) / 2$ , where low and high are the current bounds.*



