

Sample Java Questions

Topic: arrays

- How do you reverse an array in Java?
- What is the time complexity of merging two sorted arrays?

Topic: linked_lists

- What is the advantage of using a linked list over an array?
- How do you detect a cycle in a linked list?

Topic: hash_maps

- How does a HashMap handle collisions in Java?
- What is the difference between HashMap and Hashtable?

Topic: binary_search

- How does binary search algorithm work?
- When should binary search be preferred over linear search?

Topic: dynamic_programming

- What is memoization in dynamic programming?
- How is tabulation different from memoization?

Topic: file_handling

- How do you read a file line by line in Java?
- What are the different types of file streams in Java?