Top Interview Questions

Categories

- 1. Array
- 2. String
- 3. Linked List
- 4. Trees
- 5. Sorting and Searching
- 6. **Dynamic Programming**
- 7. Design
- 8. Math
- 9. Others

Array

Array type of questions were asked in interviews frequently. You will most likely encounter one during your interviews.

Recommended: Single Number, Rotate Array, Intersection of Two Arrays II and Two Sum.

- 1. Remove Duplicates from Sorted Array
- 2. Best Time to Buy and Sell Stock II
- 3. Rotate Array
- 4. Contains Duplicate
- 5. Single Number
- 6. Intersection of Two Arrays II
- 7. Plus One
- 8. Move Zeroes
- 9. Two Sum
- 10. Valid Sudoku
- 11. Rotate Image

Trees

Tree is slightly more complex than linked list, because the latter is a linear data structure while the former is not. Tree problems can be solved either **breadth-first** or **depth-first**. We have one problem here which is great for practicing breadth-first traversal.

Recommend: Maximum Depth of Binary Tree, Validate Binary Search Tree, Binary Tree Level Order Traversal and Convert Sorted Array to Binary Search Tree.

- 1. Maximum Depth of Binary Tree
- 2. Validate Binary Search Tree
- 3. Symmetric Tree
- 4. Binary Tree Level Order Traversal
- 5. Convert Sorted Array to Binary Search Tree