





Must-do List for Interview Prep

## **Top Interview 150**



Array / String

	Easy
Remove Element	Easy
Remove Duplicates from Sorted Array	Easy
O Remove Duplicates from Sorted Array II	Medium
O Majority Element	Easy
O Rotate Array	Medium
Best Time to Buy and Sell Stock	Easy
O Best Time to Buy and Sell Stock II	Medium
✓ Jump Game	Medium
	Medium
O H-Index	Medium
O Insert Delete GetRandom O(1)	Medium



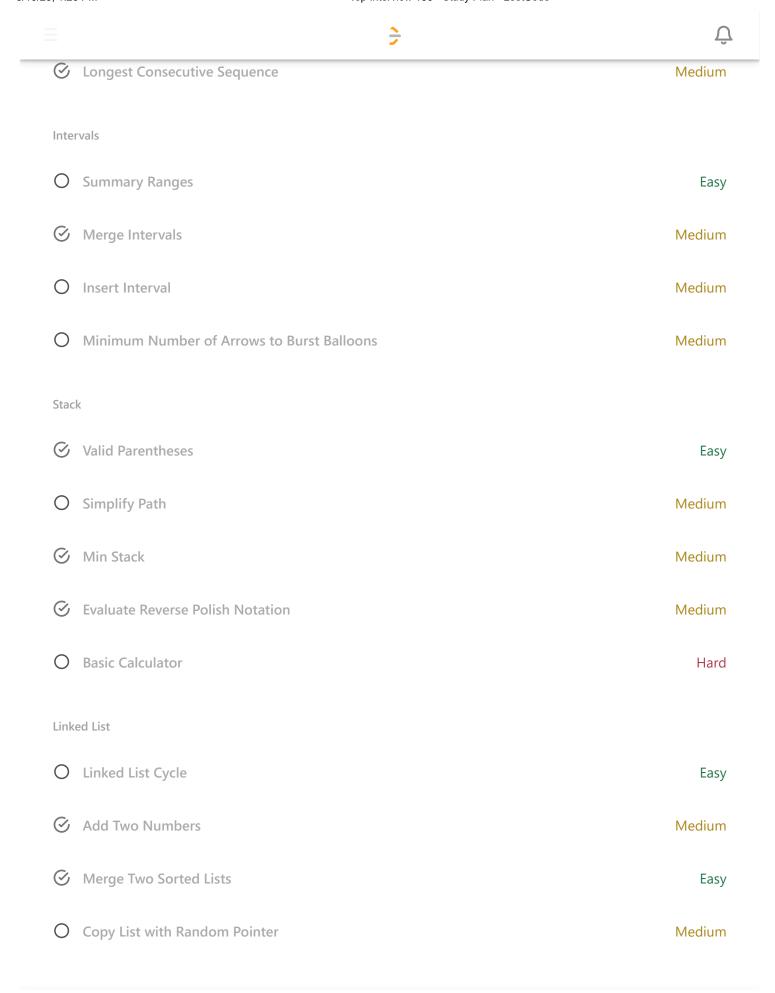


O Candy	Hard
	Hard
⊗ Roman to Integer	Easy
	Medium
	Easy
	Easy
O Reverse Words in a String	Medium
	Medium
Find the Index of the First Occurrence in a String	Easy
O Text Justification	Hard
Two Pointers	
	Easy
O Is Subsequence	Easy
Two Sum II - Input Array Is Sorted	Medium
	Medium
<b>⊘</b> 3Sum	Medium
Cliding Window	





C Longest Substring Without Repeating Characters	Medium
O Substring with Concatenation of All Words	Hard
O Minimum Window Substring	Hard
Matrix	
	Medium
Spiral Matrix	Medium
	Medium
Set Matrix Zeroes	Medium
O Game of Life	Medium
Hashmap	
O Ransom Note	Easy
O Isomorphic Strings	Easy
O Word Pattern	Easy
	Easy
Group Anagrams	Medium
	Easy
Happy Number	Easy







Remove Nth Node From End of List	Medium
O Remove Duplicates from Sorted List II	Medium
O Rotate List	Medium
O Partition List	Medium
C LRU Cache	Medium
Binary Tree General	
Maximum Depth of Binary Tree	Easy
Same Tree	Easy
	Easy
O Symmetric Tree	Easy
O Construct Binary Tree from Preorder and Inorder Traversal	Medium
O Construct Binary Tree from Inorder and Postorder Traversal	Medium
O Populating Next Right Pointers in Each Node II	Medium
O Flatten Binary Tree to Linked List	Medium
O Path Sum	Easy
O Sum Root to Leaf Numbers	Medium
O Binary Tree Maximum Path Sum	Hard





O Count Complete Tree Nodes	Medium
O Lowest Common Ancestor of a Binary Tree	Medium
Binary Tree BFS	
O Binary Tree Right Side View	Medium
O Average of Levels in Binary Tree	Easy
Binary Tree Level Order Traversal	Medium
O Binary Tree Zigzag Level Order Traversal	Medium
Binary Search Tree	
O Minimum Absolute Difference in BST	Easy
O Kth Smallest Element in a BST	Medium
O Validate Binary Search Tree	Medium
Graph General	
⊗ Number of Islands	Medium
O Surrounded Regions	Medium
Clone Graph	Medium
O Evaluate Division	Medium
Course Schedule	Medium





Graph BFS	
O Snakes and Ladders	Medium
O Minimum Genetic Mutation	Medium
O Word Ladder	Hard
Trie	
O Implement Trie (Prefix Tree)	Medium
O Design Add and Search Words Data Structure	Medium
O Word Search II	Hard
Backtracking	
✓ Letter Combinations of a Phone Number	Medium
O Combinations	Medium
⊘ Permutations	Medium
	Medium
O N-Queens II	Hard
Generate Parentheses	Medium
	Medium

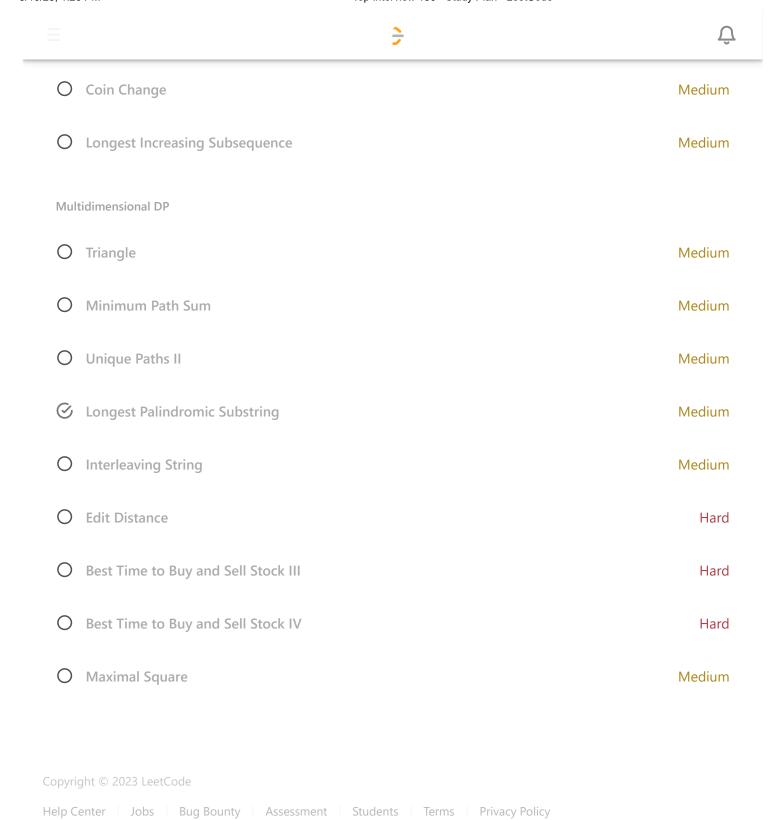
Divide & Conquer

	<b>&gt;</b>	Û
O	Sort List	Medium
0	Construct Quad Tree	Medium
$\otimes$	Merge k Sorted Lists	Hard
Kadar	ne's Algorithm	
$\otimes$	Maximum Subarray	Medium
0	Maximum Sum Circular Subarray	Medium
Binar	y Search	
$\otimes$	Search Insert Position	Easy
$\otimes$	Search a 2D Matrix	Medium
0	Find Peak Element	Medium
$\otimes$	Search in Rotated Sorted Array	Medium
<b>©</b>	Find First and Last Position of Element in Sorted Array	Medium
$\otimes$	Find Minimum in Rotated Sorted Array	Medium
$\otimes$	Median of Two Sorted Arrays	Hard
Неар		
0	Kth Largest Element in an Array	Medium
0	IPO	Hard
0	Find K Pairs with Smallest Sums	Medium





Bit Manipulation	
O Add Binary	Easy
O Reverse Bits	Easy
	Easy
Single Number	Easy
O Single Number II	Medium
O Bitwise AND of Numbers Range	Medium
Math	
Palindrome Number	Easy
	Easy
O Factorial Trailing Zeroes	Medium
Sqrt(x)	Easy
Pow(x, n)	Medium
O Max Points on a Line	Hard
1D DP	
Climbing Stairs	Easy
	Medium



United States