

160 Coding Interview Questions

The practice you need to ace the coding interviews.

All changes saved.



51 Questions Completed out of 160

32%



AlgoExpert Certificate

Recruiting Profile

Pick Random

Group by Difficulty

Group by Category

Group Randomly

Filters

Arrays - 13/24

Two Number Sum		
Validate Subsequence		
Sorted Squared Array		
Tournament Winner		
Non-Constructible Change		
Three Number Sum		
Smallest Difference		
Move Element To End		
Monotonic Array		
Spiral Traverse		
Longest Peak		
Array Of Products		
First Duplicate Value		
Merge Overlapping Intervals		
Four Number Sum		
Subarray Sort		
Largest Range		
Min Rewards		
Zigzag Traverse		
Apartment Hunting		
Calendar Matching		
Waterfall Streams		
Minimum Area Rectangle		
Line Through Points		

Binary Search Trees - 1/10

Find Closest Value In BST		
BST Construction		
Validate BST		
BST Traversal		
Min Height BST		
Find Kth Largest Value In BST		
Reconstruct BST		
Same BSTs		
Validate Three Nodes		
Right Smaller Than		

Binary Trees - 2/13

Branch Sums		
Node Depths		
Invert Binary Tree		
Binary Tree Diameter		
Find Successor		
Height Balanced Binary Tree		
Max Path Sum In Binary Tree		
Find Nodes Distance K		
Iterative In-order Traversal		
Flatten Binary Tree		
Right Sibling Tree		
All Kinds Of Node Depths		
Compare Leaf Traversal		

Dynamic Programming - 0/19

Max Subset Sum No Adjacent		
Number Of Ways To Make Cha...		
Min Number Of Coins For Chan...		
Levenshtein Distance		
Number Of Ways To Traverse G...		
Max Sum Increasing Subseque...		
Longest Common Subsequence		
Min Number Of Jumps		
Water Area		
Knapsack Problem		
Disk Stacking		
Numbers In Pi		
Maximum Sum Submatrix		
Maximize Expression		
Max Profit With K Transactions		
Palindrome Partitioning Min C...		
Longest Increasing Subsequence		
Longest String Chain		
Square of Zeroes		

Famous Algorithms - 0/5

Graphs - 0/13

Greedy Algorithms - 0/5

Heaps - 0/5

Kadane's Algorithm	⭐️	⌚️	🔵
Dijkstra's Algorithm	⭐️	⌚️	🔴
Topological Sort	⭐️	⌚️	🔴
Knuth–Morris–Pratt Algorithm	⭐️	⌚️	⚫️
A* Algorithm	⭐️	⌚️	⚫️
Depth-first Search	⭐️	⌚️	🟢
Single Cycle Check	⭐️	⌚️	🔵
Breadth-first Search	⭐️	⌚️	🔵
River Sizes	⭐️	⌚️	🔵
Youngest Common Ancestor	⭐️	⌚️	🔵
Remove Islands	⭐️	⌚️	🔵
Cycle In Graph	⭐️	⌚️	🔵
Minimum Passes Of Matrix	⭐️	⌚️	🔵
Boggle Board	⭐️	⌚️	🔴
Rectangle Mania	⭐️	⌚️	⚫️
Detect Arbitrage	⭐️	⌚️	⚫️
Two-Edge-Connected Graph	⭐️	⌚️	⚫️
Airport Connections	⭐️	⌚️	⚫️
Min Heap Construction	⭐️	⌚️	🔵
Continuous Median	⭐️	⌚️	🔴
Sort K-Sorted Array	⭐️	⌚️	🔴
Laptop Rentals	⭐️	⌚️	🔴
Merge Sorted Arrays	⭐️	⌚️	⚫️

Linked Lists - 13/13

Remove Duplicates From Linked List	⭐️	⌚️	🟢
Linked List Construction	⭐️	⌚️	🔵
Remove Kth Node From End	⭐️	⌚️	🔵
Sum of Linked Lists	⭐️	⌚️	🔵
Find Loop	⭐️	⌚️	🔴
Reverse Linked List	⭐️	⌚️	🔴
Merge Linked Lists	⭐️	⌚️	🔴
Shift Linked List	⭐️	⌚️	🔴
LRU Cache	⭐️	⌚️	⚫️
Rearrange Linked List	⭐️	⌚️	⚫️
Linked List Palindrome	⭐️	⌚️	⚫️
Zip Linked List	⭐️	⌚️	⚫️
Node Swap	⭐️	⌚️	⚫️

Recursion - 6/13

Nth Fibonacci	⭐️	⌚️	🟢
Product Sum	⭐️	⌚️	🟢
Permutations	⭐️	⌚️	🔵
Powerset	⭐️	⌚️	🔵
Phone Number Mnemonics	⭐️	⌚️	🔴
Staircase Traversal	⭐️	⌚️	🔵
Lowest Common Manager	⭐️	⌚️	🔴
Interweaving Strings	⭐️	⌚️	🔴
Solve Sudoku	⭐️	⌚️	🔴
Generate Div Tags	⭐️	⌚️	🔴
Ambiguous Measurements	⭐️	⌚️	🔴
Number Of Binary Tree Topologies	⭐️	⌚️	⚫️
Non-Attacking Queens	⭐️	⌚️	⚫️

Searching - 7/7

Binary Search	⭐️	⌚️	🟢
Find Three Largest Numbers	⭐️	⌚️	🟢
Search In Sorted Matrix	⭐️	⌚️	🔵
Shifted Binary Search	⭐️	⌚️	🔴
Search For Range	⭐️	⌚️	🔴
Quicksort	⭐️	⌚️	🔴
Index Equals Value	⭐️	⌚️	🔴

Sorting - 9/9

Bubble Sort	⭐️	⌚️	🟢
Insertion Sort	⭐️	⌚️	🟢
Selection Sort	⭐️	⌚️	🟢
Three Number Sort	⭐️	⌚️	🔵
Quick Sort	⭐️	⌚️	🔴
Heap Sort	⭐️	⌚️	🔴
Radix Sort	⭐️	⌚️	🔴
Merge Sort	⭐️	⌚️	⚫️
Count Inversions	⭐️	⌚️	⚫️

Stacks - 0/7

Min Max Stack Construction	⭐️	⌚️	🔵
Balanced Brackets	⭐️	⌚️	🔵
Sunset Views	⭐️	⌚️	🔵
Sort Stack	⭐️	⌚️	🔵
Next Greater Element	⭐️	⌚️	🔵
Shorten Path	⭐️	⌚️	🔴
Largest Rectangle Under Skyline	⭐️	⌚️	🔴

Strings - 0/15

Palindrome Check	⭐️	⌚️	🟢
Caesar Cipher Encryptor	⭐️	⌚️	🟢
Run-Length Encoding	⭐️	⌚️	🟢
Generate Document	⭐️	⌚️	🟢
First Non-Repeating Character	⭐️	⌚️	🟢
Longest Palindromic Substring	⭐️	⌚️	🔵
Group Anagrams	⭐️	⌚️	🔵
Valid IP Addresses	⭐️	⌚️	🔵
Reverse Words In String	⭐️	⌚️	🔵
Minimum Characters For Words	⭐️	⌚️	🔵
Longest Substring Without Duplicates	⭐️	⌚️	🔴
Underscorify Substring	⭐️	⌚️	🔴
Pattern Matcher	⭐️	⌚️	🔴
Smallest Substring Containing	⭐️	⌚️	⚫️
Longest Balanced Substring	⭐️	⌚️	⚫️

Tries - 0/2

Suffix Trie Construction	⭐️	⌚️	🔵
Multi String Search	⭐️	⌚️	🔴

