


Arrays - 0/24

<input type="radio"/> Two Number Sum	 	
<input type="radio"/> Validate Subsequence	  	
<input type="radio"/> Sorted Squared Array	 	
<input type="radio"/> Tournament Winner	 	
<input type="radio"/> Non-Constructible Change	 	
<input type="radio"/> Three Number Sum	 	
<input type="radio"/> Smallest Difference	 	
<input type="radio"/> Move Element To End	 	
<input type="radio"/> Monotonic Array	 	
<input type="radio"/> Spiral Traverse	 	
<input type="radio"/> Longest Peak	 	
<input type="radio"/> Array Of Products	 	
<input type="radio"/> First Duplicate Value	 	
<input type="radio"/> Merge Overlapping Intervals	 	
<input type="radio"/> Four Number Sum	 	
<input type="radio"/> Subarray Sort	 	

<input type="radio"/> Zigzag Traverse	★	🔒	Red
<input type="radio"/> Apartment Hunting	★	🔒	Dark Grey
<input type="radio"/> Calendar Matching	★	🔒	Dark Grey
<input type="radio"/> Waterfall Streams	★	🔒	Dark Grey
<input type="radio"/> Minimum Area Rectangle	★	🔒	Dark Grey
<input type="radio"/> Line Through Points	★	🔒	Dark Grey

Binary Search Trees - 0/10

<input type="radio"/> Find Closest Value In BST	★	🔒	Green
<input type="radio"/> BST Construction	★	🔒	Blue
<input type="radio"/> Validate BST	★	🔒	Blue
<input type="radio"/> BST Traversal	★	🔒	Blue
<input type="radio"/> Min Height BST	★	🔒	Blue
<input type="radio"/> Find Kth Largest Value In BST	★	🔒	Blue
<input type="radio"/> Reconstruct BST	★	🔒	Blue
<input type="radio"/> Same BSTs	★	🔒	Red
<input type="radio"/> Validate Three Nodes	★	🔒	Red

Binary Trees - 0/13

<input type="radio"/> Branch Sums	☆	🔒	🟢
<input type="radio"/> Node Depths	☆	🔒	🟢
<input type="radio"/> Invert Binary Tree	☆	🔒	🟡
<input type="radio"/> Binary Tree Diameter	☆	🔒	🟡
<input type="radio"/> Find Successor	☆	🔒	🟡
<input type="radio"/> Height Balanced Binary Tree	☆	🔒	🟡
<input type="radio"/> Max Path Sum In Binary Tree	☆	🔒	🔴
<input type="radio"/> Find Nodes Distance K	☆	🔒	🔴
<input type="radio"/> Iterative In-order Traversal	☆	🔒	⬛
<input type="radio"/> Flatten Binary Tree	☆	🔒	⬛
<input type="radio"/> Right Sibling Tree	☆	🔒	⬛
<input type="radio"/> All Kinds Of Node Depths	☆	🔒	⬛
<input type="radio"/> Compare Leaf Traversal	☆	🔒	⬛

Dynamic Programming - 0/19

<input type="radio"/> Max Subset Sum No Adjacent	★	🔒	Blue
<input type="radio"/> Number Of Ways To Make Change	★	🔒	Blue
<input type="radio"/> Min Number Of Coins For Change	★	🔒	Blue
<input type="radio"/> Levenshtein Distance	★	🔒	Blue
<input type="radio"/> Number Of Ways To Traverse Graph	★	🔒	Blue
<input type="radio"/> Max Sum Increasing Subsequence	★	🔒	Red
<input type="radio"/> Longest Common Subsequence	★	🔒	Red
<input type="radio"/> Min Number Of Jumps	★	🔒	Red
<input type="radio"/> Water Area	★	🔒	Red
<input type="radio"/> Knapsack Problem	★	🔒	Red
<input type="radio"/> Disk Stacking	★	🔒	Red
<input type="radio"/> Numbers In Pi	★	🔒	Red
<input type="radio"/> Maximum Sum Submatrix	★	🔒	Red
<input type="radio"/> Maximize Expression	★	🔒	Red
<input type="radio"/> Max Profit With K Transactions	★	🔒	Black
<input type="radio"/> Palindrome Partitioning Min Cuts	★	🔒	Black
<input type="radio"/> Longest Increasing Subsequence	★	🔒	Black
<input type="radio"/> Longest String Chain	★	🔒	Black
<input type="radio"/> Square of Zeroes	★	🔒	Black

Famous Algorithms - 0/5

<input type="radio"/> Kadane's Algorithm	☆	🔒	Blue
<input type="radio"/> Dijkstra's Algorithm	☆	🔒	Red
<input type="radio"/> Topological Sort	☆	🔒	Red
<input type="radio"/> Knuth—Morris—Pratt Algorithm	☆	🔒	Black
<input type="radio"/> A* Algorithm	☆	🔒	Black

Graphs - 0/13

<input type="radio"/> Depth-first Search	☆	🔒	Green
<input type="radio"/> Single Cycle Check	☆	🔒	Blue
<input type="radio"/> Breadth-first Search	☆	🔒	Blue
<input type="radio"/> River Sizes	☆	🔒	Blue
<input type="radio"/> Youngest Common Ancestor	☆	🔒	Blue
<input type="radio"/> Remove Islands	☆	🔒	Blue
<input type="radio"/> Cycle In Graph	☆	🔒	Blue
<input type="radio"/> Minimum Passes Of Matrix	☆	🔒	Blue
<input type="radio"/> Boggle Board	☆	🔒	Red

☐ Two-Edge-Connected Graph



☐ Airport Connections



Greedy Algorithms - 0/5

☐ Minimum Waiting Time



☐ Class Photos



☐ Tandem Bicycle



☐ Task Assignment



☐ Valid Starting City



Heaps - 0/5

☐ Min Heap Construction



☐ Continuous Median



☐ Sort K-Sorted Array



☐ Laptop Rentals



☐ Merge Sorted Arrays



Linked Lists - 0/13

<input type="radio"/> Remove Duplicates From Linked List	★	🔒	🟢
<input type="radio"/> Linked List Construction	★	🔒	🟡
<input type="radio"/> Remove Kth Node From End	★	🔒	🟡
<input type="radio"/> Sum of Linked Lists	★	🔒	🟡
<input type="radio"/> Find Loop	★	🔒	🔴
<input type="radio"/> Reverse Linked List	★	🔒	🔴
<input type="radio"/> Merge Linked Lists	★	🔒	🔴
<input type="radio"/> Shift Linked List	★	🔒	🔴
<input type="radio"/> LRU Cache	★	🔒	⬛
<input type="radio"/> Rearrange Linked List	★	🔒	⬛
<input type="radio"/> Linked List Palindrome	★	🔒	⬛
<input type="radio"/> Zip Linked List	★	🔒	⬛
<input type="radio"/> Node Swap	★	🔒	⬛

Recursion - 0/13




























<input type="radio"/> Nth Fibonacci	★	🔒	🟢
<input type="radio"/> Product Sum	★	🔒	🟢

<input type="radio"/>	Phone Number Mnemonics	☆	🔒	Blue
<input type="radio"/>	Staircase Traversal	☆	🔒	Blue
<input type="radio"/>	Lowest Common Manager	☆	🔒	Red
<input type="radio"/>	Interweaving Strings	☆	🔒	Red
<input type="radio"/>	Solve Sudoku	☆	🔒	Red
<input type="radio"/>	Generate Div Tags	☆	🔒	Red
<input type="radio"/>	Ambiguous Measurements	☆	🔒	Red
<input type="radio"/>	Number Of Binary Tree Topologies	☆	🔒	Black
<input type="radio"/>	Non-Attacking Queens	☆	🔒	Black












Searching - 0/7

<input type="radio"/>	Binary Search	☆	🔒	Green
<input type="radio"/>	Find Three Largest Numbers	☆	🔒	Green
<input type="radio"/>	Search In Sorted Matrix	☆	🔒	Blue
<input type="radio"/>	Shifted Binary Search	☆	🔒	Red
<input type="radio"/>	Search For Range	☆	🔒	Red

Sorting - 0/9

<input type="radio"/> Bubble Sort			
<input type="radio"/> Insertion Sort			
<input type="radio"/> Selection Sort			
<input type="radio"/> Three Number Sort			
<input type="radio"/> Quick Sort			
<input type="radio"/> Heap Sort			
<input type="radio"/> Radix Sort			
<input type="radio"/> Merge Sort			
<input type="radio"/> Count Inversions			

Stacks - 0/7

<input type="radio"/> Min Max Stack Construction			
<input type="radio"/> Balanced Brackets			
<input type="radio"/> Sunset Views			
<input type="radio"/>			

☐ Shortest 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 Duplication



☐ Underscorify Substring



☐ Pattern Matcher



Tries - 0/2



Suffix Trie Construction



Multi String Search



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