Nishant Bhaiya's 151

REMEMBER
Nothing worth having comes easy!

🔴 Checkout AlgoPrep: https://bit.ly/AlgoPrep
🔴 Join the AlgoPrep Community: https://bit.ly/AlgoPrepCommunity
🟩 How to make most of this sheet?: https://bit.ly/WhatsAlgoPrep151

Serial	Problem Name	Done?	Comments / Hints for the Problem
	Arrays		
1	Rotate Array		
2	Squares of a sorted array		
3	Kadane's Algo		
4	maximum product subarray		
5	majority element		
6	majority element 2		
7	Next Greater Element III		
8	Max chunks to make sorted		
9	Max Chunks To Make Sorted II		
10	number of subarrays with bounded maximum		
11	First missing positive		
12	Range Addition		
13	Min No. of Platform		
14	Trapping rain water		
	Two Pointers		
15	Container With Most Water		
16	Two Sum		
17	Two Difference		
	Recursion and BackTracking		
18	Permutations		
19	Permutation Sequence		
20	Combination Sum		
21	Cmbination Sum 2		
22	Letter combination of Phone number		
23	N Queens		
24	Rat in a Maze Path		

	Bit Manipulation						
25	Single Element						
26	Single Element 2						
27	Single Number 3						
28	Divide 2 Integers						
29	Max AND Pair.						
	HashMap						
30	Check AP sequence						
31	Grid illumination						
32	Brick wall						
33	Count of subarray with sum = k						
34	Subarray sum divisible by K						
35	Insert Delete GetRandom O(1)						
36	Insert delete get random duplicates allowed						
37	Longest consecutive sequence						
38	Find all anagrams in a string						
39	Find smallest size of string containing all char of other						
40	Write hashmap						
41	subarray with equal number of 0 and 1						
42	Substring with equal 0 1 and 2						
	Heap						
43	Kth Largest Element						
44	Minimum number of refueling spots						
45	minimum cost to connect sticks						
46	Employee Free time						
47	Find Median from Data Stream						
	Binary Search						
48	capacity to ship within D days						
49	Painter's partition problem						
50	search in rotated sorted array						
51	Search in rotated sorted array 2						
52	Allocate books						
53	median of two sorted array						
	LinkedList						
54	reverse LinkedList						
55	Find the middle element						
56	Floyd cycle						
57	Clone a linkedlist						

58	Intersection point of 2 linked list						
59	LRU Cache						
	Stacks and Queues						
60	Next Greater Element						
61	Largest Rectangular Area Histogram						
62	maximu size binary matrix containing 1						
63	Valid Parentheses						
64	Min Stack						
65	K stacks in a single array						
66	Infix evaluation						
67	K reverse in a queue						
68	K queue						
	TREES						
69	Preorder Traversal						
70	Inorder Traversal						
71	Postorder Traversal						
72	right side view						
73	Left View						
74	Top View						
75	Bottom View						
76	Vertical order						
77	Diagonal Traversal						
78	Boundary Traversal						
79	Binary Tree Cameras						
80	Max path sum						
81	Delete node in bst						
82	Construct from inorder and preorder						
83	Next right pointer in each node						
84	Convert a binary tree to circular doubly linked list						
85	Conversion of sorted DLL to BST						
86	Lowest common ancestor						
87	serialize and deserialise						
	Trie						
88	Implement Trie						
89	Max XOR of two numbers in an array						
90	Maximum XOR with an element from Array						

	DP
91	longest increasing subsequence
92	longest increasing subsequence
93	building bridges
94	Russian doll envelopes
95	Box stacking
96	Paint house
97	No. of binary string without consecutive 1
98	Possible ways to construct the building
99	Total no. of bst
100	No. of balanced parentheses sequence
101	Min cost path
102	Cherry pickup
103	Cherry pickup 2
104	best time to buy and sell stock
105	best time to buy and sell 2
106	buy and sell with transaction fee
107	best time to buy and sell with cool down
108	best time to buy and sell 3
109	best time to but and sell 4
110	burst balloons
111	Optimal BST
112	Matrix chain multiplication
113	Longest common subsequence
114	Count all pallindromic subsequence
115	Count distinct pallindromic subsequence
116	No. of sequence of type a^i+b^j+c^k
117	2 egg 100 floor
118	egg drop
119	Regular Expression Matching
120	Palindrome partitioning
121	Frog jump
122	Edit Distance
123	0-1 Knapsack
124	unbounded knapsack
125	Fractional knapsack
126	Coin change combination
127	Coin change permutation

	GRAPHS						
128	Number of Islands						
129	Number of Distinct Islands						
130	Rotting Oranges						
131	Bipartite graph						
132	Bus routes						
133	Prim's Algo						
134	Dijkstra algo						
135	swim in rising water						
136	0-1 matrix						
137	bellman ford						
138	Strongly Connected Components (Kosaraju's Algo)						
139	Mother Vertex						
140	Kahn's algo						
141	Alien Dictionary						
142	Number of Islands II						
143	Regions Cut By Slashes						
144	Sentence Similarity II						
145	Redundant Connection						
146	Redundant connection 2						
147	Articulation point						
148	Min swaps required to sort array						
149	Sliding Puzzle						
150	Floyd Warshall						
151	remove max number of edges to keep graph traversal						