Nishant Bhaiya's 151

REMEMBER
Nothing worth having comes easy!

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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		