Nishant Bhaiya's 151

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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		.				