

Kodnest 150

Serial	Problem Name	Done?					
	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 difference						
11	First missing positive						
12	Range Addition						
13	Min No. of Platforms						
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 allowe					
37	Longest consecutive sequence					
38	Find all anagrams in a string					
39	Smallest size of string containing all char o					
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						
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 buy and sell 4					
110	Burst balloons					
111	Optimal BST					
112	Matrix chain multiplication					
113	Longest common subsequence					
114	Count all palindromic 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	ongly Connected Components (Kosaraju's Alg					
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		