Nisha

REMEMBER
Nothing worth having comes easy!

Serial	Problem Name
	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

ant Bhaiya's 151

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Done?	Comments / Hints for the Problem