CODING PRACTICE PROBLEMS

CONTENT:

no	Questions	Done
	ARRAYS	
1	Rotate Array	
2	Squares of a sorted array	
3	Kadane's Algo	
4	Check if Array Is Sorted and Rotated - LeetCode	
5	Remove Duplicates from Sorted Array - LeetCode	
6	Move Zeroes - LeetCode	
7	Max Consecutive Ones - LeetCode	
8	Single Number - LeetCode	
9	Two Sum - LeetCode	
10	Sort Colors - LeetCode	
11	maximum product subarray	
12	majority element	
13	majority element 2	
14	Next Greater Element III	
15	Max chunks to make sorted	
16	Max Chunks To Make Sorted II	
17	number of subarrays with bounded maximum	
18	First missing positive	
19	Range Addition	
20	Min No. of Platform	
21	Trapping rain water	
22	Best Time to Buy and Sell Stock - LeetCode	
	STRINGS	
23	Remove Outermost Parentheses - LeetCode	
24	Reverse Words in a String - LeetCode	
25	Largest Odd Number in String - LeetCode	
26	Longest Common Prefix - LeetCode	
27	Isomorphic Strings - LeetCode	
28	Rotate String - LeetCode	
29	Valid Anagram - LeetCode	
30	Sort Characters By Frequency - LeetCode	
31	Maximum Nesting Depth of the Parentheses - LeetCode	
32	Roman to Integer - LeetCode	
33	String to Integer (atoi) - LeetCode	
34	Longest Palindromic Substring - LeetCode	
35	Sum of Beauty of All Substrings - LeetCode	
36	Reverse Words in a String - LeetCode	
	SLIDING WINDOW AND TWO POINTERS	
37	Container With Most Water	
38	Two Sum	
39	Two Difference	
40	Longest Substring Without Repeating Characters - LeetCode	
41	Max Consecutive Ones III - LeetCode	
42	Longest Repeating Character Replacement - LeetCode	
43	Binary Subarrays With Sum - LeetCode	
44	Count Number of Nice Subarrays - LeetCode	
45	Number of Substrings Containing All Three Characters - LeetCode	
46	Maximum Points You Can Obtain from Cards - LeetCode	
	RECURSION AND BACKTRACKING	
47	Permutations	
48	Permutation Sequence	
49	Combination Sum	
50	Cmbination Sum 2	

51	Letter combination of Phone number	
52	N Queens	
53	Rat in a Maze Path	
	BIT MANIPULATION	
54	Single Element	
55	Single Element 2	
56	Single Number 3	
57	Divide 2 Integers	
58	Max AND Pair.	
	HASHMAP	
59	Check AP sequence	
60	Grid illumination	
61	Brick wall	
62	Count of subarray with sum = k	
63	Subarray sum divisible by K	
64	Insert Delete GetRandom O(1)	
65	Insert delete get random duplicates allowed	
66	Longest consecutive sequence	
67	Find all anagrams in a string	
68	Find smallest size of string containing all char of other	
69	Write hashmap	
70	subarray with equal number of 0 and 1	
71	Substring with equal 0 1 and 2	
	HEAPS	
72	Kth Largest Element	
73	Minimum number of refueling spots	
74	minimum cost to connect sticks	
75	Employee Free time	
76	Find Median from Data Stream	
	BINARY SEARCH	
77	capacity to ship within D days	
78	Painter's partition problem	
79	search in rotated sorted array	
80	Search in rotated sorted array 2	
81	Allocate books	
82	median of two sorted array	
	LINKEDLIST	
83	reverse LinkedList	
84	Find the middle element	
85	Floyd cycle	
86	Intersection point of 2 linked list	
87	LRU Cache	
	STACKS AND QUEUES	
88	Next Greater Element	
89	Largest Rectangular Area Histogram	
90	maximu size binary matrix containing 1	
91	Valid Parentheses	
92	Min Stack	
93	K stacks in a single array	
94	Infix evaluation	

95	K reverse in a queue	
96	K queue	
	TREES	
97	Preorder Traversal	
98	Inorder Traversal	
99	Postorder Traversal	
100	right side view	
101	Left View	
102	Top View	
103	Bottom View	
104	Vertical order	
105	Diagonal Traversal	
106	Boundary Traversal	
107	Binary Tree Cameras	
108	Max path sum	
109	Delete node in bst	
110	Construct from inorder and preorder	
111	Next right pointer in each node	
112	Convert a binary tree to circular doubly linked list	
113	Conversion of sorted DLL to BST	
114	Lowest common ancestor	
115	serialize and deserialise	
	TRIE	
117	Implement Trie	
118	Max XOR of two numbers in an array	
119	Maximum XOR with an element from Array	
	DYNAMIC PROGRAMMING	
120	longest increasing subsequence	
121	longest increasing subsequence	
122	building bridges	
123	Russian doll envelopes	
124	Box stacking	
125	Paint house	
126	No. of binary string without consecutive 1	
127	Possible ways to construct the building	
128	Total no. of bst	
129	No. of balanced parentheses sequence	
130	Min cost path	
131	Cherry pickup	
132	Cherry pickup 2	
133	best time to buy and sell stock	
134	best time to buy and sell 2	
135	buy and sell with transaction fee	
136	best time to buy and sell with cool down	
137	best time to buy and sell 3	
138	best time to but and sell 4	
139	burst balloons	
140	Optimal BST	
141	Matrix chain multiplication	
142	Longest common subsequence	
143	Count all pallindromic subsequence	
144	Count distinct pallindromic subsequence	
145	No. of sequence of type a^i+b^j+c^k	
146	2 egg 100 floor	
146	egg drop	
148	Regular Expression Matching	
149	Palindrome partitioning	
150	Frog jump	
151	Edit Distance	
152	0-1 Knapsack	
153	unbounded knapsack	

154	Fractional knapsack	
155	Coin change combination	
156	Coin change permutation	
	GRAPHS	
157	Number of Islands	
158	Number of Distinct Islands	
159	Rotting Oranges	
160	Bipartite graph	
161	Bus routes	
162	Prim's Algo	
163	Dijkstra algo	
164	swim in rising water	
165	0-1 matrix	
166	bellman ford	
167	Strongly Connected Components (Kosaraju's Algo)	
168	Mother Vertex	
169	Kahn's algo	
170	Alien Dictionary	
171	Number of Islands II	
172	Regions Cut By Slashes	
173	Sentence Similarity II	
174	Redundant Connection	
175	Redundant connection 2	
176	Articulation point	
177	Min swaps required to sort array	
178	Sliding Puzzle	
179	Floyd Warshall	
180	remove max number of edges to keep graph traversal	