S. No	Question SubTopic	Question Name	Question Link	
1	Prefix Concept and two Pointer	Rain Water Traping	https://leetcode.com/problems/trapping-rain-water/	
2	Prefix Concept and two Pointer	Product of Array Excpt -self	https://leetcode.com/problems/product-of-array-except-self/	https://www.linkedin.com/in/monu-kumar-273850177/
3	Greedy	Gas Station	https://leetcode.com/problems/gas-station/	
4	Kadanes	Kadanes + Circular	https://leetcode.com/problems/maximum-sum-circular-subarray/	
5	PigeonHole	Divisible SubArray	https://code-gym.codingblocks.com/problems/1065	
6	Divide and Conquer	Aggressive Cows	https://code-gym.codingblocks.com/problems/1056	
7	Divide and Conquer	Book Allocation	https://code-gym.codingblocks.com/problems/1365	
8	Divide and Conquer + Sorting	Merge Intervals	https://leetcode.com/problems/merge-intervals/	
9	Maths Array	Patching	https://leetcode.com/problems/patching-array/	
10	Fixed Size Window	Maximum sum of SubArray of Size k		
11	Sliding Window-(Variable)	Subarray Sum Equals K	https://leetcode.com/problems/subarray-sum-equals-k/	
12	Sliding Window-(Variable)	Subarray Product Less Than K	https://leetcode.com/problems/subarray-product-less-than-k/	
13	Sliding Window-(Variable)	Monu bhaiya and Score	https://codeskiller.codingblocks.com/problems/3877	
14	Sliding Window-(Variable)	Minimum Window Substring(Without HAshMap)	https://leetcode.com/problems/minimum-window-substring/	
15	Lexicographical Numbers	Recursion and Backtraing	https://leetcode.com/problems/lexicographical-numbers/	
16	Hard Recursion	Tower of Hanoi		
17	Hard Recursion	Key Paid	https://leetcode.com/problems/letter-combinations-of-a-phone-number/	
18	Hard Recursion	Generate Parentheses	https://leetcode.com/problems/generate-parentheses/	
19	Recursion and BackTracking	Combinations	https://leetcode.com/problems/combinations/	
20	Recursion and BackTracking	Combinations sum	https://leetcode.com/problems/combination-sum/	
21	Recursion and BackTracking	Combinations -sum 3	https://leetcode.com/problems/combination-sum-iii/	
22	Recursion and BackTracking	Combinations-sum2	https://leetcode.com/problems/combination-sum-ii/	
23	Recursion and BackTracking	Palidrome-Partitioning	https://leetcode.com/problems/palindrome-partitioning/	
24	Recursion and BackTracking	SubSet-1	https://leetcode.com/problems/subsets/	
25	Recursion and BackTracking	SubSet-2	https://leetcode.com/problems/subsets-ii/	
26	Recursion and BackTracking	Permutations	https://leetcode.com/problems/permutations/	
27	Recursion and BackTracking	Permutations	https://leetcode.com/problems/permutations-ii/	
28	Recursion and BackTracking	Rat in maze	https://hack.codingblocks.com/app/contests/2315/535/problem	
29	Recursion and BackTracking	Word Search	https://leetcode.com/problems/word-search/	
30	Recursion and BackTracking	Letter-Tile	https://leetcode.com/problems/letter-tile-possibilities/	
31	Recursion and BackTracking	Different way to add parenthess	https://leetcode.com/problems/different-ways-to-add-parentheses/	
32	stack	Stock Span		
33	stack	Next Greater Element		
34	stack	Previous Smaller Element		
35	stack	Histogram	https://leetcode.com/problems/largest-rectangle-in-histogram/	
36				
37	stack	Pattern 132	https://leetcode.com/problems/132-pattern/	
38	stack	Number of Valid Subarrays	https://leetcode.com/problems/number-of-valid-subarrays/	
39	stack	Maximal Rectangle	https://leetcode.com/problems/maximal-rectangle/	
40	stack	Construct Smallest Number From DI String	https://leetcode.com/problems/construct-smallest-number-from-di-string/	

41	stack	Maximum Score of a Good Subarray	https://leetcode.com/problems/maximum-score-of-a-good-subarray/
42	Queue	Sliding Window Maximum	https://leetcode.com/problems/sliding-window-maximum/
43	Linked List	Remove Duplicate	https://leetcode.com/problems/remove-duplicates-from-sorted-list/
44	Linked List	Mid of LL	https://leetcode.com/problems/middle-of-the-linked-list/
45	Linked List	Cycle in LL	https://leetcode.com/problems/linked-list-cycle/
46	Linked List	Intersection of LL	https://leetcode.com/problems/intersection-of-two-linked-lists/
47	Linked List	Nth Node from End	https://leetcode.com/problems/remove-nth-node-from-end-of-list/
48	Linked List	Swap Node	https://leetcode.com/problems/swap-nodes-in-pairs/
49	Linked List	Revese Linked list -2	https://leetcode.com/problems/reverse-linked-list-ii/
50	Linked List	Merge Two LL	https://leetcode.com/problems/merge-two-sorted-lists/
51	Linked List	Sort LL	https://leetcode.com/problems/sort-list/
52	Linked List	Odd -Even	https://leetcode.com/problems/odd-even-linked-list/
53	Linked List	Reverse in K Group	https://leetcode.com/problems/reverse-nodes-in-k-group/
54	Linked List	Linked List Components	https://leetcode.com/problems/linked-list-components/
55	Basic	Post-Order	https://leetcode.com/problems/binary-tree-postorder-traversal/
56	Basic	In-Order	https://leetcode.com/problems/binary-tree-inorder-traversal/
57	Basic	Pre-Order	https://leetcode.com/problems/binary-tree-preorder-traversal/
58	Basic	Level Order	https://leetcode.com/problems/binary-tree-level-order-traversal/
59	BT	Symmertic Tree	https://leetcode.com/problems/symmetric-tree/
60	BT	Flip Equivalent	https://leetcode.com/problems/flip-equivalent-binary-trees/
61	BT	root to leaf	https://leetcode.com/problems/sum-root-to-leaf-numbers/
62	BT	Diameter	https://leetcode.com/problems/diameter-of-binary-tree/
63	BT	Is-balance	https://leetcode.com/problems/balanced-binary-tree/
64	BT	Path Sum-2	https://leetcode.com/problems/path-sum-ii/
65	BT	Path Sum-3	https://leetcode.com/problems/path-sum-iii/
66	BT	Path Sum	https://leetcode.com/problems/path-sum/
67	BT	LCA	https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/
68	BT	LCA-2	https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree-ii/
69	BT	Right View	https://leetcode.com/problems/binary-tree-right-side-view/
70	BST	Insert into BST	https://leetcode.com/problems/insert-into-a-binary-search-tree/
71	BST	Delete BST	https://leetcode.com/problems/delete-node-in-a-bst/
72	BST	Validate BST	https://leetcode.com/problems/validate-binary-search-tree/
73	BST	Max Sum BST	https://leetcode.com/problems/maximum-sum-bst-in-binary-tree/
74	Implementation	Heap	
75	Heap	Find Median from Data Stream	https://leetcode.com/problems/find-median-from-data-stream/
76	Heap	K Closest Points to Origin	https://leetcode.com/problems/k-closest-points-to-origin/
77	Implementation	HashMap	
78		Consecutive Sequence	https://leetcode.com/problems/longest-consecutive-sequence/
79		Intersection of Array	https://leetcode.com/problems/intersection-of-two-arrays-ii/
80	Map	Sliding Window Maximum	https://leetcode.com/problems/sliding-window-maximum/
81	Heap	Minimum Cost to Hire K Workers	https://leetcode.com/problems/minimum-cost-to-hire-k-workers/

82	Heap	Merge K Sorted Lists	https://leetcode.com/problems/merge-k-sorted-lists/
83	Heap	Super Ugly Number	https://leetcode.com/problems/super-ugly-number/
84	Heap	Find K Pairs with Smallest Sums	https://leetcode.com/problems/find-k-pairs-with-smallest-sums/
85	Heap	Kth Smallest Element in a Sorted Matrix	https://leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/
86	Heap	Kth Smallest Prime Fraction	https://leetcode.com/problems/k-th-smallest-prime-fraction/
87	Heap	Minimum Number of Refueling Stops	https://leetcode.com/problems/minimum-number-of-refueling-stops/
88	Heap	Distant Barcodes	https://leetcode.com/problems/distant-barcodes/
89	Heap	Last Stone Weight	https://leetcode.com/problems/last-stone-weight/
90	Heap	Lexicographically Smallest Character	https://www.geeksforgeeks.org/lexicographically-smallest-character-from-an-array-that-satisfies-the-given-conditions/
91	Map	Median in a stream of running integers	Hacker blocks
92	Map	Top k most frequent number in a stream	Hacker blocks
93	Tries	Top K Frequent Words	https://leetcode.com/problems/top-k-frequent-words/
94	Tries	Design Add and Search Words	https://leetcode.com/problems/design-add-and-search-words-data-structure/
95	Tries	Word Search-2	https://leetcode.com/problems/word-search-ii/
96	Tries	Concatenated Words	https://leetcode.com/problems/concatenated-words/
97	Tries	Pallindrome Pairs	https://leetcode.com/problems/palindrome-pairs/
98	Graph	Unidirected Generic Graph Impl	
99	Graph	Directed Generic Graph Impl	
100	Graph	BFS, DFS	
101	Graph	BFT and DFT	
102	Graph	Count connected components	
103	Graphs	Floyd Warshall	Implementation
104	Graphs	Bellman Ford	Implementation
105	Graphs	Djikstra	Implementation
106	Graph	Snakes And Ladders	https://hack.codingblocks.com/admin/contents/385/problem
107	Graph	Walls And Gates	https://hack.codingblocks.com/admin/contents/1695/problem
108	Graph	Number Of Islands	https://leetcode.com/problems/number-of-islands/
109	Graph	Max Area Of Islands	https://leetcode.com/problems/max-area-of-island/
110	Graph	Number of Operations to Make Network Connected	https://leetcode.com/problems/number-of-operations-to-make-network-connected/
111	Topological Sorting	Course Schedule - 2	https://leetcode.com/problems/course-schedule-ii/
112	Topological Sorting	Alien Dictionary	https://leetcode.com/problems/alien-dictionary/
113	BFS	Minimum Height Trees	https://leetcode.com/problems/minimum-height-trees/
114	DFS	Keys and rooms	https://leetcode.com/problems/keys-and-rooms/
115	DFS	Reconstruct Itinerary	https://leetcode.com/problems/reconstruct-itinerary/
116	Dynamic 1-D	House Robber - 1	https://leetcode.com/problems/house-robber/
117	Dynamic 1-D	House Robber - 2	https://leetcode.com/problems/house-robber-ii/
118	Dynamic 1-D	Unbounded Knapsack	
119	Dynamic 1-D	Min coin change	

120	Dynamic 1-D	K climbing stairs	
121	1D-DP + Maths	Largest Divisble Subset	https://leetcode.com/problems/largest-divisble-subset/
122	Dynamic 2D	Longest common Subsequence	https://leetcode.com/problems/longest-common-subsequence/
123	Dynamic 2D	ongest Increasing Subsequence(Binary Search + D	https://leetcode.com/problems/longest-increasing-subsequence/
124	Dynamic 2D	Uncrossed Lines	https://leetcode.com/problems/uncrossed-lines/
125	Dynamic 2D	Unique Path - 2	https://leetcode.com/problems/unique-paths-ii/
126	Dynamic 2D	Min Cost Path	https://leetcode.com/problems/minimum-path-sum/
127	Knapsack	Kanpsack 2	https://atcoder.jp/contests/dp/tasks/dp_e
128	Knapsack	Coins	https://atcoder.jp/contests/dp/tasks/dp_i
129	2D-DP	Word Break	https://leetcode.com/problems/word-break/
130	2D-DP	Best Time to buy snd sell Stock 3	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iii/
131	MCM	Matrix Chain Multiplication	https://www.interviewbit.com/problems/matrix-chain-multiplication/
132	2D-DP	Grid 1	https://atcoder.jp/contests/dp/tasks/dp_h
133	2D-DP	Candies	https://atcoder.jp/contests/dp/tasks/dp_m
134	2D-DP	Best Time to buy snd sell Stock 4	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iv/
135	2D-DP	Knight Probability	https://leetcode.com/problems/knight-probability-in-chessboard/
136	2D-DP	Wildcard matching	https://leetcode.com/problems/wildcard-matching/
137	2D-DP	Dungeon Game	https://leetcode.com/problems/dungeon-game/
138	2D-DP	Optimal Game Strategy	
139	2D-DP	Distinct Subsequnce	https://leetcode.com/problems/distinct-subsequences/
140	2D-DP	LCS	https://leetcode.com/problems/longest-common-subsequence/
141	2D-DP	Uncrossed Lines	https://leetcode.com/problems/uncrossed-lines/
142	2D-DP	Max-Dot-Product	https://leetcode.com/problems/max-dot-product-of-two-subsequences/
143	2D-DP		https://www.spoj.com/problems/TRT/
144	2D-DP	Mixtures	https://www.spoj.com/problems/MIXTURES/
145	2D-DP	Edit Distance	https://www.spoj.com/problems/EDIST/
146	2D-DP	Minimum Path Sum	https://leetcode.com/problems/minimum-path-sum/
147	2D-DP	Minimum falling Path Sum	https://leetcode.com/problems/minimum-falling-path-sum/
148	2D-DP	Minimum Falling Path Sum-2	https://leetcode.com/problems/minimum-falling-path-sum-ii/
149	2D-DP	Triangle	https://leetcode.com/problems/triangle/
150	KMP	KMP Algorithm	https://www.spoj.com/problems/NAJPF/
151	Rabin Karp	Rabin Karp	Algorithm
152	KMP	NHAY	https://www.spoj.com/problems/NHAY/
153		Can you answer these queries	https://www.spoj.com/problems/GSS1/
154	Lazy	Counting Primes	https://www.spoj.com/problems/CNTPRIME/
155	Inversion Count	Count The Chaos	https://toph.co/p/count-the-chaos