DSA Important Questions - TopicWise Mastery Plan

Topic	S.N	LeetCode Question Name	LeetCode Qn No	LeetCode Question Link	Solved ?	Notes
Arrays						
	1	Contains Duplicate	LeetCode 217 - Easy	https://leetcode.com/problems/contains-duplicate/		
	2	Product of Array Except Self	LeetCode 238 - Medium	https://leetcode.com/problems/product-of-array-except-self/		
	3	Valid Anagram	LeetCode 242 - Easy	https://leetcode.com/problems/valid-anagram/		
	4	Group Anagrams	LeetCode 49 - Medium	https://leetcode.com/problems/group-anagrams/		
	5	Top K Frequent Elements	LeetCode 347 - Medium	https://leetcode.com/problems/top-k-frequent-elements/		
	6	Longest Consecutive Sequence	LeetCode 128 - Medium	https://leetcode.com/problems/longest-consecutive-sequence/		
	7	Encode and Decode Strings	LeetCode 271 - Hard	https://leetcode.com/problems/encode-and-decode-strings/		
	8	Valid Sudoku	LeetCode 36 - Medium	https://leetcode.com/problems/valid-sudoku/		
Bit Manipulation						
	1	Single Number	LeetCode 136 - Easy	https://leetcode.com/problems/single-number/		
	2	Reverse Bits	LeetCode 190 - Easy	https://leetcode.com/problems/reverse-bits/		
	3	Number of 1 Bits	LeetCode 191 - Easy	https://leetcode.com/problems/number-of-1-bits/		
	4	Counting Bits	LeetCode 338 - Medium	https://leetcode.com/problems/counting-bits/		
Two Pointers						
	1	Container With Most Water	LeetCode 11 - Medium	https://leetcode.com/problems/container-with-most-water/		
	2	Valid Palindrome	LeetCode 125 - Easy	https://leetcode.com/problems/valid-palindrome/		
	3	3Sum	LeetCode 15 - Medium	https://leetcode.com/problems/3sum/		
	4	Trapping Rain Water	LeetCode 42 - Hard	https://leetcode.com/problems/trapping-rain-water/		
	5	Two Sum II Input Array Is Sorted	LeetCode 167 - Easy	https://leetcode.com/problems/two-sum-ii-input-array-is-sorted/		
Math						
	1	Rotate Image	LeetCode 48 - Medium	https://leetcode.com/problems/rotate-image/		
	2	Spiral Matrix	LeetCode 54 - Medium	https://leetcode.com/problems/spiral-matrix/		
	3	Set Matrix Zeroes	LeetCode 73 - Medium	https://leetcode.com/problems/set-matrix-zeroes/		
	4	Happy Number	LeetCode 202 - Easy	https://leetcode.com/problems/happy-number/		
	5	Plus One	LeetCode 66 - Easy	https://leetcode.com/problems/plus-one/		
	6	Pow(x, n)	LeetCode 50 - Medium	https://leetcode.com/problems/powx-n/		
	7	Multiply Strings	LeetCode 43 - Medium	https://leetcode.com/problems/multiply-strings/		
	8	Detect Squares	LeetCode 1637 - Easy	https://leetcode.com/problems/detect-squares/		
Sliding Window						
	1	Minimum Window Substring	LeetCode 76 - Hard	https://leetcode.com/problems/minimum-window-substring/		
	2	Sliding Window Maximum	LeetCode 239 - Hard	https://leetcode.com/problems/sliding-window-maximum/		
	3	Longest Substring Without Repeat	LeetCode 3 - Medium	https://leetcode.com/problems/longest-substring-without-repeating-characters/		
	4	Permutation in String	LeetCode 567 - Medium	https://leetcode.com/problems/permutation-in-string/		
	5	Longest Repeating Character Repl	LeetCode 424 - Medium	https://leetcode.com/problems/longest-repeating-character-replacement/		
Stack						
	1	Min Stack	LeetCode 155 - Easy	https://leetcode.com/problems/min-stack/		
	2	Generate Parentheses	LeetCode 22 - Medium	https://leetcode.com/problems/generate-parentheses/		
	3	Daily Temperatures	LeetCode 739 - Medium	https://leetcode.com/problems/daily-temperatures/		
	4	Largest Rectangle in Histogram	LeetCode 84 - Hard	https://leetcode.com/problems/largest-rectangle-in-histogram/		
	5	Valid Parentheses	LeetCode 20 - Easy	https://leetcode.com/problems/valid-parentheses/		
	6	Car Fleet	LeetCode 853 - Medium	https://leetcode.com/problems/car-fleet/		
	7	Evaluate Reverse Polish Notation	LeetCode 150 - Medium	https://leetcode.com/problems/evaluate-reverse-polish-notation/		
Binary Search						
	1	Find Minimum in Rotated Sorted Ar	LeetCode 153 - Medium	https://leetcode.com/problems/find-minimum-in-rotated-sorted-array/		
	2	Search a 2D Matrix	LeetCode 74 - Medium	https://leetcode.com/problems/search-a-2d-matrix/		
	3	Search in Rotated Sorted Array	LeetCode 33 - Medium	https://leetcode.com/problems/search-in-rotated-sorted-array/		
	4	Median of Two Sorted Arrays	LeetCode 4 - Hard	https://leetcode.com/problems/median-of-two-sorted-arrays/		
	5	Koko Eating Bananas	LeetCode 875 - Medium	https://leetcode.com/problems/koko-eating-bananas/		
	6	Time Based Key Value Store	LeetCode 981 - Medium	https://leetcode.com/problems/time-based-key-value-store/		
	7	Binary Search	LeetCode 704 - Easy	https://leetcode.com/problems/binary-search/		
Linked List						
	1	Reverse Linked List	LeetCode 206 - Easy	https://leetcode.com/problems/reverse-linked-list/		
	2	Merge Two Sorted Lists	LeetCode 21 - Easy	https://leetcode.com/problems/merge-two-sorted-lists/		
	3	Add Two Numbers	LeetCode 2 - Medium	https://leetcode.com/problems/add-two-numbers/		
	4	Remove Nth Node From End of Lis	LeetCode 19 - Medium	https://leetcode.com/problems/remove-nth-node-from-end-of-list/		
	5	Copy List With Random Pointer	LeetCode 138 - Medium	https://leetcode.com/problems/copy-list-with-random-pointer/		
	6	Find The Duplicate Number	LeetCode 287 - Medium	https://leetcode.com/problems/find-the-duplicate-number/		
	7	Merge K Sorted Lists	LeetCode 23 - Hard	https://leetcode.com/problems/merge-k-sorted-lists/		
	8	LRU Cache	LeetCode 146 - Medium	https://leetcode.com/problems/lru-cache/		
	9	Reverse Nodes in K Group	LeetCode 25 - Hard	https://leetcode.com/problems/reverse-nodes-in-k-group/		
Trees						
	1	Invert Binary Tree	LeetCode 226 - Easy	https://leetcode.com/problems/invert-binary-tree/		
	2	Maximum Depth of Binary Tree	LeetCode 104 - Easy	https://leetcode.com/problems/maximum-depth-of-binary-tree/		
	3	Same Tree	LeetCode 100 - Easy	https://leetcode.com/problems/same-tree/		
	4	Balanced Binary Tree	LeetCode 110 - Easy	https://leetcode.com/problems/balanced-binary-tree/		
	5	Diameter of Binary Tree	LeetCode 543 - Easy	https://leetcode.com/problems/diameter-of-binary-tree/		
	6	Construct Binary Tree from Preord	LeetCode 105 - Medium	https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/		
	7	Validate Binary Search Tree	LeetCode 98 - Medium	https://leetcode.com/problems/validate-binary-search-tree/		
	8	Binary Tree Maximum Path Sum	LeetCode 124 - Hard	https://leetcode.com/problems/binary-tree-maximum-path-sum/		
Graphs						
	1	Number of Islands	LeetCode 200 - Medium	https://leetcode.com/problems/number-of-islands/		
	2	Course Schedule	LeetCode 207 - Medium	https://leetcode.com/problems/course-schedule/		
	3	Pacific Atlantic Water Flow	LeetCode 417 - Medium	https://leetcode.com/problems/pacific-atlantic-water-flow/		
	4	Clone Graph	LeetCode 133 - Medium	https://leetcode.com/problems/clone-graph/		
	5	Surrounded Regions	LeetCode 130 - Medium	https://leetcode.com/problems/surrounded-regions/		
	6	Graph Valid Tree	LeetCode 261 - Medium	https://leetcode.com/problems/graph-valid-tree/		
	7	Word Ladder	LeetCode 127 - Hard	https://leetcode.com/problems/word-ladder/		
	8	Alien Dictionary	LeetCode 269 - Hard	https://leetcode.com/problems/alien-dictionary/		
	9	Rotting Oranges	LeetCode 994 - Medium	https://leetcode.com/problems/rotting-oranges/		
	10	Reconstruct Itinerary	LeetCode 332 - Hard	https://leetcode.com/problems/reconstruct-itinerary/		
	11	Min Cost to Connect All Points	LeetCode 1584 - Medium	https://leetcode.com/problems/min-cost-to-connect-all-points/		
	12	Swim in Rising Water	LeetCode 778 - Hard	https://leetcode.com/problems/swim-in-rising-water/		
	13	Network Delay Time	LeetCode 743 - Medium	https://leetcode.com/problems/network-delay-time/		
	14	Cheapest Flights Within K Stops	LeetCode 787 - Medium	https://leetcode.com/problems/cheapest-flights-within-k-stops/		
DP						
	1	Coin Change	LeetCode 322 - Medium	https://leetcode.com/problems/coin-change/		
	2	House Robber	LeetCode 198 - Medium	https://leetcode.com/problems/house-robber/		
	3	Climbing Stairs	LeetCode 70 - Easy	https://leetcode.com/problems/climbing-stairs/		
	4	Longest Palindromic Substring	LeetCode 5 - Hard	https://leetcode.com/problems/longest-palindromic-substring/		
	5	Word Break	LeetCode 139 - Medium	https://leetcode.com/problems/word-break/		
	6	Decode Ways	LeetCode 91 - Medium	https://leetcode.com/problems/decode-ways/		
	7	Longest Increasing Subsequence	LeetCode 300 - Medium	https://leetcode.com/problems/longest-increasing-subsequence/		
	8	Edit Distance	LeetCode 72 - Hard	https://leetcode.com/problems/edit-distance/		
	9	Longest Common Subsequence	LeetCode 1143 - Medium	https://leetcode.com/problems/longest-common-subsequence/		
	10	Unique Paths	LeetCode 62 - Medium	https://leetcode.com/problems/unique-paths/		
	11	Best Time to Buy and Sell Stock wi	LeetCode 309 - Medium	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-with-cooldown/		
	12	Regular Expression Matching	LeetCode 10 - Hard	https://leetcode.com/problems/regular-expression-matching/		
	13	Distinct Subsequences	LeetCode 115 - Hard	https://leetcode.com/problems/distinct-subsequences/		
	14	Longest Increasing Path in a Matri	LeetCode 329 - Hard	https://leetcode.com/problems/longest-increasing-path-in-a-matrix/		
	15	Coin Change II	LeetCode 518 - Medium	https://leetcode.com/problems/coin-change-ii/		
	16	Interleaving String	LeetCode 97 - Medium	https://leetcode.com/problems/interleaving-string/		
	17	Burst Balloons	LeetCode 312 - Hard	https://leetcode.com/problems/burst-balloons/		
Greedy						
	1	Jump Game	LeetCode 55 - Medium	https://leetcode.com/problems/jump-game/		
	2	Gas Station	LeetCode 134 - Medium	https://leetcode.com/problems/gas-station/		
	3	Hand of Straights	LeetCode 846 - Medium	https://leetcode.com/problems/hand-of-straights/		
	4	Partition Labels	LeetCode 763 - Medium	https://leetcode.com/problems/partition-labels/		
	5	Jump Game II	LeetCode 45 - Hard	https://leetcode.com/problems/jump-game-ii/		
	6	Merge Triplets to Form Target Triple	LeetCode 2366 - Medium	https://leetcode.com/problems/merge-triplets-to-form-target-triplet/		
	7	Maximum Subarray	LeetCode 53 - Easy	https://leetcode.com/problems/maximum-subarray/		
	8	Valid Parenthesis String	LeetCode 1249 - Medium	https://leetcode.com/problems/valid-parenthesis-string/		
Intervals						
	1	Insert Interval	LeetCode 57 - Medium	https://leetcode.com/problems/insert-interval/		
	2	Merge Intervals	LeetCode 56 - Medium	https://leetcode.com/problems/merge-intervals/		
	3	Meeting Rooms	LeetCode 252 - Easy	https://leetcode.com/problems/meeting-rooms/		
	4	Meeting Rooms II	LeetCode 253 - Medium	https://leetcode.com/problems/meeting-rooms-ii/		
	5	Non Overlapping Intervals	LeetCode 435 - Medium	https://leetcode.com/problems/non-overlapping-intervals/		
	6	Minimum Interval to Include Each C	LeetCode 1851 - Hard	https://leetcode.com/problems/minimum-interval-to-include-each-query/		

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