LeetCode Interview Master Plan

1-2 Problems Daily | 600 Problems | 1-2 Years

Phase 1: Array & String Fundamentals (Days 1–40)

Day	Problem Name	LeetCode Link	Topic	Difficulty
1	Two Sum	https://leetcode.com/problems/two-sum/	Array	Easy
2	Best Time to Buy and Sell Stock	https://leetcode.com/problems/best-time-to-buy-and-sell-stock/	Array	Easy
3	Contains Duplicate	https://leetcode.com/problems/contains-duplicate/	Array	Easy
4	Product of Array Except Self	https://leetcode.com/problems/product-of-array-except-self/	Array	Medium
5	Maximum Subarray	https://leetcode.com/problems/maximum-subarray/	Array	Easy
6	Maximum Product Subarray	https://leetcode.com/problems/maximum-product-subarray/	Array	Medium
7	Find Minimum in Rotated Sorted Array	https://leetcode.com/problems/find-minimum-in-rotated-sorted-array/	Array	Medium
8	Search in Rotated Sorted Array	https://leetcode.com/problems/search-in-rotated-sorted-array/	Array	Medium
9	3Sum	https://leetcode.com/problems/3sum/	Array	Medium
10	Container With Most Water	https://leetcode.com/problems/container-with-most-water/	Array	Medium
11	Valid Anagram	https://leetcode.com/problems/valid-anagram/	String	Easy
12	Group Anagrams	https://leetcode.com/problems/group-anagrams/	String	Medium
13	Valid Palindrome	https://leetcode.com/problems/valid-palindrome/	String	Easy
14	Longest Palindromic Substring	https://leetcode.com/problems/longest-palindromic-substring/	String	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
15	Longest Common Prefix	https://leetcode.com/problems/longest-common-prefix/	String	Easy
16	Find Index of First Occurrence in String	https://leetcode.com/problems/find-the-index-of-the-first-occurrence-in-a-string/	String	Easy
17	Longest Substring Without Repeating Characters	https://leetcode.com/problems/longest-substring-without-repeating-characters/	String	Medium
18	Palindromic Substrings	https://leetcode.com/problems/palindromic-substrings/	String	Medium
19	Longest Repeating Character Replacement	https://leetcode.com/problems/longest-repeating-character-replacement/	String	Medium
20	Minimum Window Substring	https://leetcode.com/problems/minimum-window-substring/	String	Hard
21	Merge Intervals	https://leetcode.com/problems/merge-intervals/	Array	Medium
22	Insert Interval	https://leetcode.com/problems/insert-interval/	Array	Medium
23	Non-overlapping Intervals	https://leetcode.com/problems/non-overlapping-intervals/	Array	Medium
24	Meeting Rooms	https://leetcode.com/problems/meeting-rooms/	Array	Easy
25	Meeting Rooms II	https://leetcode.com/problems/meeting-rooms-ii/	Array	Medium
26	Rotate Array	https://leetcode.com/problems/rotate-array/	Array	Medium
27	Spiral Matrix	https://leetcode.com/problems/spiral-matrix/	Array	Medium
28	Set Matrix Zeroes	https://leetcode.com/problems/set-matrix-zeroes/	Array	Medium
29	Word Search	https://leetcode.com/problems/word-search/	Array	Medium
30	Jump Game	https://leetcode.com/problems/jump-game/	Array	Medium
31	Jump Game II	https://leetcode.com/problems/jump-game-ii/	Array	Medium
32	Unique Paths	https://leetcode.com/problems/unique-paths/	Array	Medium
33	Longest Consecutive Sequence	https://leetcode.com/problems/longest-consecutive-sequence/	Array	Medium
34	Move Zeroes	https://leetcode.com/problems/move-zeroes/	Array	Easy

Day	Problem Name	LeetCode Link	Topic	Difficulty
35	Remove Duplicates from Sorted Array	https://leetcode.com/problems/remove-duplicates-from-sorted-array/	Array	Easy
36	Remove Element	https://leetcode.com/problems/remove-element/	Array	Easy
37	Plus One	https://leetcode.com/problems/plus-one/	Array	Easy
38	Pascal's Triangle	https://leetcode.com/problems/pascals-triangle/	Array	Easy
39	Missing Number	https://leetcode.com/problems/missing-number/	Array	Easy
40	Find All Numbers Disappeared in Array	https://leetcode.com/problems/find-all-numbers-disappeared-in-an-array/	Array	Easy

Phase 2: HashMap & HashSet Mastery (Days 41-70)

Day	Problem Name	LeetCode Link	Topic	Difficulty
41	Two Sum II - Input Array Is Sorted	https://leetcode.com/problems/two-sum-ii-input-array-is-sorted/	HashMap	Easy
42	Intersection of Two Arrays	https://leetcode.com/problems/intersection-of-two-arrays/	HashSet	Easy
43	Intersection of Two Arrays II	https://leetcode.com/problems/intersection-of-two-arrays-ii/	HashMap	Easy
44	Valid Sudoku	https://leetcode.com/problems/valid-sudoku/	HashMap	Medium
45	Top K Frequent Elements	https://leetcode.com/problems/top-k-frequent-elements/	HashMap	Medium
46	Encode and Decode Strings	https://leetcode.com/problems/encode-and-decode-strings/	HashMap	Medium
47	Ransom Note	https://leetcode.com/problems/ransom-note/	HashMap	Easy
48	Isomorphic Strings	https://leetcode.com/problems/isomorphic-strings/	HashMap	Easy
49	Word Pattern	https://leetcode.com/problems/word-pattern/	HashMap	Easy
50	Contains Duplicate II	https://leetcode.com/problems/contains-duplicate-ii/	HashMap	Easy
51	Happy Number	https://leetcode.com/problems/happy-number/	HashSet	Easy

Day	Problem Name	LeetCode Link	Topic	Difficulty
52	First Unique Character in a String	https://leetcode.com/problems/first-unique-character-in-a-string/	HashMap	Easy
53	Longest Substring Without Repeating Characters	https://leetcode.com/problems/longest-substring-without-repeating-characters/	HashMap	Medium
54	4Sum II	https://leetcode.com/problems/4sum-ii/	HashMap	Medium
55	Subarray Sum Equals K	https://leetcode.com/problems/subarray-sum-equals-k/	HashMap	Medium
56	Continuous Subarray Sum	https://leetcode.com/problems/continuous-subarray-sum/	HashMap	Medium
57	Find All Anagrams in a String	https://leetcode.com/problems/find-all-anagrams-in-a-string/	HashMap	Medium
58	Longest Palindrome	https://leetcode.com/problems/longest-palindrome/	HashMap	Easy
59	Valid Parentheses	https://leetcode.com/problems/valid-parentheses/	Stack	Easy
60	Minimum Index Sum of Two Lists	https://leetcode.com/problems/minimum-index-sum-of-two-lists/	HashMap	Easy
61	Sort Characters By Frequency	https://leetcode.com/problems/sort-characters-by-frequency/	HashMap	Medium
62	Subdomain Visit Count	https://leetcode.com/problems/subdomain-visit-count/	HashMap	Medium
63	Uncommon Words from Two Sentences	https://leetcode.com/problems/uncommon-words-from-two-sentences/	HashMap	Easy
64	Jewels and Stones	https://leetcode.com/problems/jewels-and-stones/	HashSet	Easy
65	Unique Email Addresses	https://leetcode.com/problems/unique-email-addresses/	HashSet	Easy
66	Group Shifted Strings	https://leetcode.com/problems/group-shifted-strings/	HashMap	Medium
67	Logger Rate Limiter	https://leetcode.com/problems/logger-rate-limiter/	HashMap	Easy
68	Design HashMap	https://leetcode.com/problems/design-hashmap/	HashMap	Easy
69	Design HashSet	https://leetcode.com/problems/design-hashset/	HashSet	Easy
70	LRU Cache	https://leetcode.com/problems/lru-cache/	HashMap	Medium

Phase 3: Stack & Queue Deep Dive (Days 71–100)

Day	Problem Name	LeetCode Link	Topic	Difficulty
71	Valid Parentheses	https://leetcode.com/problems/valid-parentheses/	Stack	Easy
72	Min Stack	https://leetcode.com/problems/min-stack/	Stack	Medium
73	Evaluate Reverse Polish Notation	https://leetcode.com/problems/evaluate-reverse-polish-notation/	Stack	Medium
74	Generate Parentheses	https://leetcode.com/problems/generate-parentheses/	Stack	Medium
75	Daily Temperatures	https://leetcode.com/problems/daily-temperatures/	Stack	Medium
76	Implement Queue using Stacks	https://leetcode.com/problems/implement-queue-using-stacks/	Queue	Easy
77	Implement Stack using Queues	https://leetcode.com/problems/implement-stack-using-queues/	Queue	Easy
78	Valid Parenthesis String	https://leetcode.com/problems/valid-parenthesis-string/	Stack	Medium
79	Asteroid Collision	https://leetcode.com/problems/asteroid-collision/	Stack	Medium
80	Remove All Adjacent Duplicates In String	https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string/	Stack	Easy
81	Backspace String Compare	https://leetcode.com/problems/backspace-string-compare/	Stack	Easy
82	Baseball Game	https://leetcode.com/problems/baseball-game/	Stack	Easy
83	Next Greater Element I	https://leetcode.com/problems/next-greater-element-i/	Stack	Easy
84	Next Greater Element II	https://leetcode.com/problems/next-greater-element-ii/	Stack	Medium
85	Online Stock Span	https://leetcode.com/problems/online-stock-span/	Stack	Medium
86	Largest Rectangle in Histogram	https://leetcode.com/problems/largest-rectangle-in-histogram/	Stack	Hard
87	Maximal Rectangle	https://leetcode.com/problems/maximal-rectangle/	Stack	Hard

Day	Problem Name	LeetCode Link	Topic	Difficulty
88	Trapping Rain Water	https://leetcode.com/problems/trapping-rain-water/	Stack	Hard
89	Decode String	https://leetcode.com/problems/decode-string/	Stack	Medium
90	Remove K Digits	https://leetcode.com/problems/remove-k-digits/	Stack	Medium
91	Score of Parentheses	https://leetcode.com/problems/score-of-parentheses/	Stack	Medium
92	Basic Calculator	https://leetcode.com/problems/basic-calculator/	Stack	Hard
93	Basic Calculator II	https://leetcode.com/problems/basic-calculator-ii/	Stack	Medium
94	Simplify Path	https://leetcode.com/problems/simplify-path/	Stack	Medium
95	Flatten Nested List Iterator	https://leetcode.com/problems/flatten-nested-list-iterator/	Stack	Medium
96	Number of Recent Calls	https://leetcode.com/problems/number-of-recent-calls/	Queue	Easy
97	Design Circular Queue	https://leetcode.com/problems/design-circular-queue/	Queue	Medium
98	Design Circular Deque	https://leetcode.com/problems/design-circular-deque/	Queue	Medium
99	Moving Average from Data Stream	https://leetcode.com/problems/moving-average-from-data-stream/	Queue	Easy
100	Design Hit Counter	https://leetcode.com/problems/design-hit-counter/	Queue	Medium

Phase 4: Linked List Essentials (Days 101–130)

Day	Problem Name	LeetCode Link	Topic	Difficulty
101	Reverse Linked List	https://leetcode.com/problems/reverse-linked-list/	Linked List	Easy
102	Merge Two Sorted Lists	https://leetcode.com/problems/merge-two-sorted-lists/	Linked List	Easy
103	Linked List Cycle	https://leetcode.com/problems/linked-list-cycle/	Linked List	Easy

Day	Problem Name	LeetCode Link	Topic	Difficulty
104	Linked List Cycle II	https://leetcode.com/problems/linked-list-cycle-ii/	Linked List	Medium
105	Remove Nth Node From End of List	https://leetcode.com/problems/remove-nth-node-from-end-of-list/	Linked List	Medium
106	Reorder List	https://leetcode.com/problems/reorder-list/	Linked List	Medium
107	Palindrome Linked List	https://leetcode.com/problems/palindrome-linked-list/	Linked List	Easy
108	Remove Linked List Elements	https://leetcode.com/problems/remove-linked-list-elements/	Linked List	Easy
109	Delete Node in a Linked List	https://leetcode.com/problems/delete-node-in-a-linked-list/	Linked List	Easy
110	Intersection of Two Linked Lists	https://leetcode.com/problems/intersection-of-two-linked-lists/	Linked List	Easy
111	Middle of the Linked List	https://leetcode.com/problems/middle-of-the-linked-list/	Linked List	Easy
112	Odd Even Linked List	https://leetcode.com/problems/odd-even-linked-list/	Linked List	Medium
113	Partition List	https://leetcode.com/problems/partition-list/	Linked List	Medium
114	Swap Nodes in Pairs	https://leetcode.com/problems/swap-nodes-in-pairs/	Linked List	Medium
115	Reverse Nodes in k-Group	https://leetcode.com/problems/reverse-nodes-in-k-group/	Linked List	Hard
116	Add Two Numbers	https://leetcode.com/problems/add-two-numbers/	Linked List	Medium
117	Add Two Numbers II	https://leetcode.com/problems/add-two-numbers-ii/	Linked List	Medium
118	Merge k Sorted Lists	https://leetcode.com/problems/merge-k-sorted-lists/	Linked List	Hard
119	Sort List	https://leetcode.com/problems/sort-list/	Linked List	Medium
120	Remove Duplicates from Sorted List	https://leetcode.com/problems/remove-duplicates-from-sorted-list/	Linked List	Easy
121	Remove Duplicates from Sorted List II	https://leetcode.com/problems/remove-duplicates-from-sorted-list-ii/	Linked List	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
122	Rotate List	https://leetcode.com/problems/rotate-list/	Linked List	Medium
123	Insertion Sort List	https://leetcode.com/problems/insertion-sort-list/	Linked List	Medium
124	Convert Binary Number in a Linked List to Integer	https://leetcode.com/problems/convert-binary-number-in-a-linked-list-to-integer/	Linked List	Easy
125	Design Linked List	https://leetcode.com/problems/design-linked-list/	Linked List	Medium
126	Flatten a Multilevel Doubly Linked List	https://leetcode.com/problems/flatten-a-multilevel-doubly-linked-list/	Linked List	Medium
127	Copy List with Random Pointer	https://leetcode.com/problems/copy-list-with-random-pointer/	Linked List	Medium
128	Reverse Linked List II	https://leetcode.com/problems/reverse-linked-list-ii/	Linked List	Medium
129	Split Linked List in Parts	https://leetcode.com/problems/split-linked-list-in-parts/	Linked List	Medium
130	Next Greater Node In Linked List	https://leetcode.com/problems/next-greater-node-in-linked-list/	Linked List	Medium

Phase 5: Binary Tree Fundamentals (Days 131-170)

Day	Problem Name	LeetCode Link	Topic	Difficulty
131	Maximum Depth of Binary Tree	https://leetcode.com/problems/maximum-depth-of-binary-tree/	Tree	Easy
132	Same Tree	https://leetcode.com/problems/same-tree/	Tree	Easy
133	Invert Binary Tree	https://leetcode.com/problems/invert-binary-tree/	Tree	Easy
134	Symmetric Tree	https://leetcode.com/problems/symmetric-tree/	Tree	Easy
135	Binary Tree Level Order Traversal	https://leetcode.com/problems/binary-tree-level-order-traversal/	Tree	Medium
136	Binary Tree Zigzag Level Order Traversal	https://leetcode.com/problems/binary-tree-zigzag-level-order-traversal/	Tree	Medium
137	Binary Tree Right Side View	https://leetcode.com/problems/binary-tree-right-side-view/	Tree	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
138	Average of Levels in Binary Tree	https://leetcode.com/problems/average-of-levels-in-binary-tree/	Tree	Easy
139	Minimum Depth of Binary Tree	https://leetcode.com/problems/minimum-depth-of-binary-tree/	Tree	Easy
140	Path Sum	https://leetcode.com/problems/path-sum/	Tree	Easy
141	Path Sum II	https://leetcode.com/problems/path-sum-ii/	Tree	Medium
142	Path Sum III	https://leetcode.com/problems/path-sum-iii/	Tree	Medium
143	Sum Root to Leaf Numbers	https://leetcode.com/problems/sum-root-to-leaf-numbers/	Tree	Medium
144	Binary Tree Maximum Path Sum	https://leetcode.com/problems/binary-tree-maximum-path-sum/	Tree	Hard
145	Diameter of Binary Tree	https://leetcode.com/problems/diameter-of-binary-tree/	Tree	Easy
146	Balanced Binary Tree	https://leetcode.com/problems/balanced-binary-tree/	Tree	Easy
147	Subtree of Another Tree	https://leetcode.com/problems/subtree-of-another-tree/	Tree	Easy
148	Lowest Common Ancestor of a Binary Tree	https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/	Tree	Medium
149	Lowest Common Ancestor of BST	https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/	Tree	Easy
150	Validate Binary Search Tree	https://leetcode.com/problems/validate-binary-search-tree/	Tree	Medium
151	Kth Smallest Element in a BST	https://leetcode.com/problems/kth-smallest-element-in-a-bst/	Tree	Medium
152	Construct Binary Tree from Preorder and Inorder Traversal	https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/	Tree	Medium
153	Construct Binary Tree from Inorder and Postorder Traversal	https://leetcode.com/problems/construct-binary-tree-from-inorder-and-postorder-traversal/	Tree	Medium
154	Binary Tree Inorder Traversal	https://leetcode.com/problems/binary-tree-inorder-traversal/	Tree	Easy
155	Binary Tree Preorder Traversal	https://leetcode.com/problems/binary-tree-preorder-traversal/	Tree	Easy

Day	Problem Name	LeetCode Link	Topic	Difficulty
156	Binary Tree Postorder Traversal	https://leetcode.com/problems/binary-tree-postorder-traversal/	Tree	Easy
157	Flatten Binary Tree to Linked List	https://leetcode.com/problems/flatten-binary-tree-to-linked-list/	Tree	Medium
158	Populating Next Right Pointers in Each Node	https://leetcode.com/problems/populating-next-right-pointers-in-each-node/	Tree	Medium
159	Count Complete Tree Nodes	https://leetcode.com/problems/count-complete-tree-nodes/	Tree	Medium
160	Serialize and Deserialize Binary Tree	https://leetcode.com/problems/serialize-and-deserialize-binary-tree/	Tree	Hard
161	Binary Search Tree Iterator	https://leetcode.com/problems/binary-search-tree-iterator/	Tree	Medium
162	All Nodes Distance K in Binary Tree	https://leetcode.com/problems/all-nodes-distance-k-in-binary-tree/	Tree	Medium
163	Leaf-Similar Trees	https://leetcode.com/problems/leaf-similar-trees/	Tree	Easy
164	Sum of Left Leaves	https://leetcode.com/problems/sum-of-left-leaves/	Tree	Easy
165	Find Mode in Binary Search Tree	https://leetcode.com/problems/find-mode-in-binary-search-tree/	Tree	Easy
166	Binary Tree Paths	https://leetcode.com/problems/binary-tree-paths/	Tree	Easy
167	Count Univalue Subtrees	https://leetcode.com/problems/count-univalue-subtrees/	Tree	Medium
168	Closest Binary Search Tree Value	https://leetcode.com/problems/closest-binary-search-tree-value/	Tree	Easy
169	Vertical Order Traversal of a Binary Tree	https://leetcode.com/problems/vertical-order-traversal-of-a-binary-tree/	Tree	Hard
170	Delete Node in a BST	https://leetcode.com/problems/delete-node-in-a-bst/	Tree	Medium

Phase 6: Graph Algorithms (Days 171–210)

Day	Problem Name	LeetCode Link	Topic	Difficulty
171	Number of Islands	https://leetcode.com/problems/number-of-islands/	Graph	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
172	Clone Graph	https://leetcode.com/problems/clone-graph/	Graph	Medium
173	Course Schedule	https://leetcode.com/problems/course-schedule/	Graph	Medium
174	Course Schedule II	https://leetcode.com/problems/course-schedule-ii/	Graph	Medium
175	Pacific Atlantic Water Flow	https://leetcode.com/problems/pacific-atlantic-water-flow/	Graph	Medium
176	Number of Connected Components in Undirected Graph	https://leetcode.com/problems/number-of-connected-components-in-an-undirected-graph/	Graph	Medium
177	Graph Valid Tree	https://leetcode.com/problems/graph-valid-tree/	Graph	Medium
178	Word Ladder	https://leetcode.com/problems/word-ladder/	Graph	Hard
179	Surrounded Regions	https://leetcode.com/problems/surrounded-regions/	Graph	Medium
180	Rotting Oranges	https://leetcode.com/problems/rotting-oranges/	Graph	Medium
181	Walls and Gates	https://leetcode.com/problems/walls-and-gates/	Graph	Medium
182	Shortest Path in Binary Matrix	https://leetcode.com/problems/shortest-path-in-binary-matrix/	Graph	Medium
183	01 Matrix	https://leetcode.com/problems/01-matrix/	Graph	Medium
184	As Far from Land as Possible	https://leetcode.com/problems/as-far-from-land-as-possible/	Graph	Medium
185	Minimum Knight Moves	https://leetcode.com/problems/minimum-knight-moves/	Graph	Medium
186	Word Ladder II	https://leetcode.com/problems/word-ladder-ii/	Graph	Hard
187	Shortest Bridge	https://leetcode.com/problems/shortest-bridge/	Graph	Medium
188	Is Graph Bipartite?	https://leetcode.com/problems/is-graph-bipartite/	Graph	Medium
189	Possible Bipartition	https://leetcode.com/problems/possible-bipartition/	Graph	Medium
190	Network Delay Time	https://leetcode.com/problems/network-delay-time/	Graph	Medium
191	Cheapest Flights Within K Stops	https://leetcode.com/problems/cheapest-flights-within-k-stops/	Graph	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
192	Find the City With Smallest Number of Neighbors	https://leetcode.com/problems/find-the-city-with-the-smallest-number-of-neighbors-at-a-threshold-distance/	Graph	Medium
193	Path with Maximum Probability	https://leetcode.com/problems/path-with-maximum-probability/	Graph	Medium
194	Reconstruct Itinerary	https://leetcode.com/problems/reconstruct-itinerary/	Graph	Hard
195	Accounts Merge	https://leetcode.com/problems/accounts-merge/	Graph	Medium
196	Redundant Connection	https://leetcode.com/problems/redundant-connection/	Graph	Medium
197	Redundant Connection II	https://leetcode.com/problems/redundant-connection-ii/	Graph	Hard
198	Find Eventual Safe States	https://leetcode.com/problems/find-eventual-safe-states/	Graph	Medium
199	All Paths From Source to Target	https://leetcode.com/problems/all-paths-from-source-to-target/	Graph	Medium
200	Keys and Rooms	https://leetcode.com/problems/keys-and-rooms/	Graph	Medium
201	Evaluate Division	https://leetcode.com/problems/evaluate-division/	Graph	Medium
202	Minimum Height Trees	https://leetcode.com/problems/minimum-height-trees/	Graph	Medium
203	Alien Dictionary	https://leetcode.com/problems/alien-dictionary/	Graph	Hard
204	Snakes and Ladders	https://leetcode.com/problems/snakes-and-ladders/	Graph	Medium
205	Bus Routes	https://leetcode.com/problems/bus-routes/	Graph	Hard
206	Minimum Cost to Make at Least One Valid Path	https://leetcode.com/problems/minimum-cost-to-make-at-least-one-valid-path-in-a-grid/	Graph	Hard
207	Swim in Rising Water	https://leetcode.com/problems/swim-in-rising-water/	Graph	Hard
208	Critical Connections in a Network	https://leetcode.com/problems/critical-connections-in-a-network/	Graph	Hard
209	Number of Operations to Make Network Connected	https://leetcode.com/problems/number-of-operations-to-make-network-connected/	Graph	Medium
210	Maximal Network Rank	https://leetcode.com/problems/maximal-network-rank/	Graph	Medium

Phase 7: Dynamic Programming Foundations (Days 211-260)

Day	Problem Name	LeetCode Link	Topic	Difficulty
211	Climbing Stairs	https://leetcode.com/problems/climbing-stairs/	DP	Easy
212	House Robber	https://leetcode.com/problems/house-robber/	DP	Medium
213	House Robber II	https://leetcode.com/problems/house-robber-ii/	DP	Medium
214	Best Time to Buy and Sell Stock	https://leetcode.com/problems/best-time-to-buy-and-sell-stock/	DP	Easy
215	Best Time to Buy and Sell Stock II	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/	DP	Medium
216	Best Time to Buy and Sell Stock with Cooldown	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-with-cooldown/	DP	Medium
217	Best Time to Buy and Sell Stock with Transaction Fee	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-with-transaction-fee/	DP	Medium
218	Coin Change	https://leetcode.com/problems/coin-change/	DP	Medium
219	Coin Change 2	https://leetcode.com/problems/coin-change-2/	DP	Medium
220	Longest Increasing Subsequence	https://leetcode.com/problems/longest-increasing-subsequence/	DP	Medium
221	Longest Common Subsequence	https://leetcode.com/problems/longest-common-subsequence/	DP	Medium
222	Word Break	https://leetcode.com/problems/word-break/	DP	Medium
223	Word Break II	https://leetcode.com/problems/word-break-ii/	DP	Hard
224	Combination Sum IV	https://leetcode.com/problems/combination-sum-iv/	DP	Medium
225	Decode Ways	https://leetcode.com/problems/decode-ways/	DP	Medium
226	Unique Paths	https://leetcode.com/problems/unique-paths/	DP	Medium
227	Unique Paths II	https://leetcode.com/problems/unique-paths-ii/	DP	Medium
228	Minimum Path Sum	https://leetcode.com/problems/minimum-path-sum/	DP	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
229	Triangle	https://leetcode.com/problems/triangle/	DP	Medium
230	Maximal Square	https://leetcode.com/problems/maximal-square/	DP	Medium
231	Perfect Squares	https://leetcode.com/problems/perfect-squares/	DP	Medium
232	Partition Equal Subset Sum	https://leetcode.com/problems/partition-equal-subset-sum/	DP	Medium
233	Target Sum	https://leetcode.com/problems/target-sum/	DP	Medium
234	Edit Distance	https://leetcode.com/problems/edit-distance/	DP	Hard
235	Distinct Subsequences	https://leetcode.com/problems/distinct-subsequences/	DP	Hard
236	Regular Expression Matching	https://leetcode.com/problems/regular-expression-matching/	DP	Hard
237	Wildcard Matching	https://leetcode.com/problems/wildcard-matching/	DP	Hard
238	Interleaving String	https://leetcode.com/problems/interleaving-string/	DP	Medium
239	Maximum Product Subarray	https://leetcode.com/problems/maximum-product-subarray/	DP	Medium
240	Palindromic Substrings	https://leetcode.com/problems/palindromic-substrings/	DP	Medium
241	Longest Palindromic Subsequence	https://leetcode.com/problems/longest-palindromic-subsequence/	DP	Medium
242	Count Square Submatrices with All Ones	https://leetcode.com/problems/count-square-submatrices-with-all-ones/	DP	Medium
243	Ones and Zeroes	https://leetcode.com/problems/ones-and-zeroes/	DP	Medium
244	Last Stone Weight II	https://leetcode.com/problems/last-stone-weight-ii/	DP	Medium
245	Minimum Cost For Tickets	https://leetcode.com/problems/minimum-cost-for-tickets/	DP	Medium
246	Knight Probability in Chessboard	https://leetcode.com/problems/knight-probability-in-chessboard/	DP	Medium
247	Soup Servings	https://leetcode.com/problems/soup-servings/	DP	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
248	Delete and Earn	https://leetcode.com/problems/delete-and-earn/	DP	Medium
249	2 Keys Keyboard	https://leetcode.com/problems/2-keys-keyboard/	DP	Medium
250	Arithmetic Slices	https://leetcode.com/problems/arithmetic-slices/	DP	Medium
251	Integer Break	https://leetcode.com/problems/integer-break/	DP	Medium
252	Ugly Number II	https://leetcode.com/problems/ugly-number-ii/	DP	Medium
253	Count Numbers with Unique Digits	https://leetcode.com/problems/count-numbers-with-unique-digits/	DP	Medium
254	Wiggle Subsequence	https://leetcode.com/problems/wiggle-subsequence/	DP	Medium
255	Range Sum Query - Immutable	https://leetcode.com/problems/range-sum-query-immutable/	DP	Easy
256	Range Sum Query 2D - Immutable	https://leetcode.com/problems/range-sum-query-2d-immutable/	DP	Medium
257	Is Subsequence	https://leetcode.com/problems/is-subsequence/	DP	Easy
258	Number of Longest Increasing Subsequence	https://leetcode.com/problems/number-of-longest-increasing-subsequence/	DP	Medium
259	Russian Doll Envelopes	https://leetcode.com/problems/russian-doll-envelopes/	DP	Hard
260	Maximum Length of Pair Chain	https://leetcode.com/problems/maximum-length-of-pair-chain/	DP	Medium

Phase 8: Backtracking & Recursion (Days 261–290)

Day	Problem Name	LeetCode Link	Topic	Difficulty
261	Subsets	https://leetcode.com/problems/subsets/	Backtracking	Medium
262	Subsets II	https://leetcode.com/problems/subsets-ii/	Backtracking	Medium
263	Permutations	https://leetcode.com/problems/permutations/	Backtracking	Medium
264	Permutations II	https://leetcode.com/problems/permutations-ii/	Backtracking	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
265	Combination Sum	https://leetcode.com/problems/combination-sum/	Backtracking	Medium
266	Combination Sum II	https://leetcode.com/problems/combination-sum-ii/	Backtracking	Medium
267	Combination Sum III	https://leetcode.com/problems/combination-sum-iii/	Backtracking	Medium
268	Combinations	https://leetcode.com/problems/combinations/	Backtracking	Medium
269	Letter Combinations of a Phone Number	https://leetcode.com/problems/letter-combinations-of-a-phone-number/	Backtracking	Medium
270	Generate Parentheses	https://leetcode.com/problems/generate-parentheses/	Backtracking	Medium
271	Word Search	https://leetcode.com/problems/word-search/	Backtracking	Medium
272	Word Search II	https://leetcode.com/problems/word-search-ii/	Backtracking	Hard
273	Palindrome Partitioning	https://leetcode.com/problems/palindrome-partitioning/	Backtracking	Medium
274	Palindrome Partitioning II	https://leetcode.com/problems/palindrome-partitioning-ii/	Backtracking	Hard
275	N-Queens	https://leetcode.com/problems/n-queens/	Backtracking	Hard
276	N-Queens II	https://leetcode.com/problems/n-queens-ii/	Backtracking	Hard
277	Sudoku Solver	https://leetcode.com/problems/sudoku-solver/	Backtracking	Hard
278	Restore IP Addresses	https://leetcode.com/problems/restore-ip-addresses/	Backtracking	Medium
279	Letter Case Permutation	https://leetcode.com/problems/letter-case-permutation/	Backtracking	Medium
280	Beautiful Arrangement	https://leetcode.com/problems/beautiful-arrangement/	Backtracking	Medium
281	Additive Number	https://leetcode.com/problems/additive-number/	Backtracking	Medium
282	Factor Combinations	https://leetcode.com/problems/factor-combinations/	Backtracking	Medium
283	Generalized Abbreviation	https://leetcode.com/problems/generalized-abbreviation/	Backtracking	Medium
284	Gray Code	https://leetcode.com/problems/gray-code/	Backtracking	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
285	Iterator for Combination	https://leetcode.com/problems/iterator-for-combination/	Backtracking	Medium
286	Splitting a String Into Descending Values	https://leetcode.com/problems/splitting-a-string-into-descending-consecutive-values/	Backtracking	Medium
287	Maximum Length of a Concatenated String	https://leetcode.com/problems/maximum-length-of-a-concatenated-string-with-unique-characters/	Backtracking	Medium
288	Partition to K Equal Sum Subsets	https://leetcode.com/problems/partition-to-k-equal-sum-subsets/	Backtracking	Medium
289	Matchsticks to Square	https://leetcode.com/problems/matchsticks-to-square/	Backtracking	Medium
290	Fair Distribution of Cookies	https://leetcode.com/problems/fair-distribution-of-cookies/	Backtracking	Medium

Phase 9: Binary Search Mastery (Days 291-320)

Day	Problem Name	LeetCode Link	Topic	Difficulty
291	Binary Search	https://leetcode.com/problems/binary-search/	Binary Search	Easy
292	First Bad Version	https://leetcode.com/problems/first-bad-version/	Binary Search	Easy
293	Search Insert Position	https://leetcode.com/problems/search-insert-position/	Binary Search	Easy
294	Find First and Last Position of Element	https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/	Binary Search	Medium
295	Search in Rotated Sorted Array	https://leetcode.com/problems/search-in-rotated-sorted-array/	Binary Search	Medium
296	Search in Rotated Sorted Array II	https://leetcode.com/problems/search-in-rotated-sorted-array-ii/	Binary Search	Medium
297	Find Minimum in Rotated Sorted Array	https://leetcode.com/problems/find-minimum-in-rotated-sorted-array/	Binary Search	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
298	Find Minimum in Rotated Sorted Array II	https://leetcode.com/problems/find-minimum-in-rotated-sorted-array-ii/	Binary Search	Hard
299	Find Peak Element	https://leetcode.com/problems/find-peak-element/	Binary Search	Medium
300	Search a 2D Matrix	https://leetcode.com/problems/search-a-2d-matrix/	Binary Search	Medium
301	Search a 2D Matrix II	https://leetcode.com/problems/search-a-2d-matrix-ii/	Binary Search	Medium
302	Koko Eating Bananas	https://leetcode.com/problems/koko-eating-bananas/	Binary Search	Medium
303	Minimum Number of Days to Make m Bouquets	https://leetcode.com/problems/minimum-number-of-days-to-make-m-bouquets/	Binary Search	Medium
304	Capacity To Ship Packages Within D Days	https://leetcode.com/problems/capacity-to-ship-packages-within-d-days/	Binary Search	Medium
305	Split Array Largest Sum	https://leetcode.com/problems/split-array-largest-sum/	Binary Search	Hard
306	Magnetic Force Between Two Balls	https://leetcode.com/problems/magnetic-force-between-two-balls/	Binary Search	Medium
307	Find K-th Smallest Pair Distance	https://leetcode.com/problems/find-k-th-smallest-pair-distance/	Binary Search	Hard
308	Kth Smallest Element in a Sorted Matrix	https://leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/	Binary Search	Medium
309	Median of Two Sorted Arrays	https://leetcode.com/problems/median-of-two-sorted-arrays/	Binary Search	Hard
310	Find the Duplicate Number	https://leetcode.com/problems/find-the-duplicate-number/	Binary Search	Medium
311	H-Index II	https://leetcode.com/problems/h-index-ii/	Binary Search	Medium
312	Sqrt(x)	https://leetcode.com/problems/sqrtx/	Binary Search	Easy
313	Valid Perfect Square	https://leetcode.com/problems/valid-perfect-square/	Binary Search	Easy
314	Guess Number Higher or Lower	https://leetcode.com/problems/guess-number-higher-or-lower/	Binary Search	Easy

Day	Problem Name	LeetCode Link	Topic	Difficulty
315	Find Smallest Letter Greater Than Target	https://leetcode.com/problems/find-smallest-letter-greater-than-target/	Binary Search	Easy
316	Peak Index in a Mountain Array	https://leetcode.com/problems/peak-index-in-a-mountain-array/	Binary Search	Easy
317	Single Element in a Sorted Array	https://leetcode.com/problems/single-element-in-a-sorted-array/	Binary Search	Medium
318	Time Based Key-Value Store	https://leetcode.com/problems/time-based-key-value-store/	Binary Search	Medium
319	Online Election	https://leetcode.com/problems/online-election/	Binary Search	Medium
320	Snapshot Array	https://leetcode.com/problems/snapshot-array/	Binary Search	Medium

Phase 10: Heap & Priority Queue (Days 321–345)

Day	Problem Name	LeetCode Link	Topic	Difficulty
321	Kth Largest Element in an Array	https://leetcode.com/problems/kth-largest-element-in-an-array/	Heap	Medium
322	Kth Largest Element in a Stream	https://leetcode.com/problems/kth-largest-element-in-a-stream/	Heap	Easy
323	Last Stone Weight	https://leetcode.com/problems/last-stone-weight/	Heap	Easy
324	K Closest Points to Origin	https://leetcode.com/problems/k-closest-points-to-origin/	Heap	Medium
325	Top K Frequent Elements	https://leetcode.com/problems/top-k-frequent-elements/	Heap	Medium
326	Top K Frequent Words	https://leetcode.com/problems/top-k-frequent-words/	Heap	Medium
327	Find K Pairs with Smallest Sums	https://leetcode.com/problems/find-k-pairs-with-smallest-sums/	Heap	Medium
328	Reorganize String	https://leetcode.com/problems/reorganize-string/	Heap	Medium
329	Task Scheduler	https://leetcode.com/problems/task-scheduler/	Heap	Medium
330	Ugly Number II	https://leetcode.com/problems/ugly-number-ii/	Heap	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
331	Super Ugly Number	https://leetcode.com/problems/super-ugly-number/	Heap	Medium
332	Merge k Sorted Lists	https://leetcode.com/problems/merge-k-sorted-lists/	Heap	Hard
333	Find Median from Data Stream	https://leetcode.com/problems/find-median-from-data-stream/	Heap	Hard
334	Sliding Window Median	https://leetcode.com/problems/sliding-window-median/	Heap	Hard
335	IPO	https://leetcode.com/problems/ipo/	Heap	Hard
336	Smallest Range Covering Elements from K Lists	https://leetcode.com/problems/smallest-range-covering-elements-from-k-lists/	Heap	Hard
337	Trapping Rain Water II	https://leetcode.com/problems/trapping-rain-water-ii/	Heap	Hard
338	Meeting Rooms II	https://leetcode.com/problems/meeting-rooms-ii/	Heap	Medium
339	Employee Free Time	https://leetcode.com/problems/employee-free-time/	Heap	Hard
340	The Skyline Problem	https://leetcode.com/problems/the-skyline-problem/	Heap	Hard
341	Minimum Cost to Hire K Workers	https://leetcode.com/problems/minimum-cost-to-hire-k-workers/	Heap	Hard
342	Sliding Window Maximum	https://leetcode.com/problems/sliding-window-maximum/	Heap	Hard
343	Find K-th Smallest Pair Distance	https://leetcode.com/problems/find-k-th-smallest-pair-distance/	Heap	Hard
344	Furthest Building You Can Reach	https://leetcode.com/problems/furthest-building-you-can-reach/	Heap	Medium
345	Minimum Number of Refueling Stops	https://leetcode.com/problems/minimum-number-of-refueling-stops/	Heap	Hard

Phase 11: Trie & Advanced Strings (Days 346-365)

Day	Problem Name	LeetCode Link	Topic	Difficulty
346	Implement Trie (Prefix Tree)	https://leetcode.com/problems/implement-trie-prefix-tree/	Trie	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
347	Design Add and Search Words Data Structure	https://leetcode.com/problems/design-add-and-search-words-data-structure/	Trie	Medium
348	Word Search II	https://leetcode.com/problems/word-search-ii/	Trie	Hard
349	Replace Words	https://leetcode.com/problems/replace-words/	Trie	Medium
350	Longest Word in Dictionary	https://leetcode.com/problems/longest-word-in-dictionary/	Trie	Medium
351	Map Sum Pairs	https://leetcode.com/problems/map-sum-pairs/	Trie	Medium
352	Implement Magic Dictionary	https://leetcode.com/problems/implement-magic-dictionary/	Trie	Medium
353	Maximum XOR of Two Numbers in an Array	https://leetcode.com/problems/maximum-xor-of-two-numbers-in-an-array/	Trie	Medium
354	Concatenated Words	https://leetcode.com/problems/concatenated-words/	Trie	Hard
355	Palindrome Pairs	https://leetcode.com/problems/palindrome-pairs/	Trie	Hard
356	Word Squares	https://leetcode.com/problems/word-squares/	Trie	Hard
357	Stream of Characters	https://leetcode.com/problems/stream-of-characters/	Trie	Hard
358	Search Suggestions System	https://leetcode.com/problems/search-suggestions-system/	Trie	Medium
359	KMP Algorithm - Find Pattern	https://leetcode.com/problems/find-the-index-of-the-first-occurrence-in-a-string/	String	Easy
360	Shortest Palindrome	https://leetcode.com/problems/shortest-palindrome/	String	Hard
361	Repeated Substring Pattern	https://leetcode.com/problems/repeated-substring-pattern/	String	Easy
362	Longest Happy Prefix	https://leetcode.com/problems/longest-happy-prefix/	String	Hard
363	Manacher's Algorithm - Longest Palindrome	https://leetcode.com/problems/longest-palindromic-substring/	String	Medium
364	Z-Algorithm Practice	https://leetcode.com/problems/shortest-palindrome/	String	Hard

Day	Problem Name	LeetCode Link	Topic	Difficulty
365	Rabin-Karp - Repeated DNA Sequences	https://leetcode.com/problems/repeated-dna-sequences/	String	Medium

Phase 12: Bit Manipulation (Days 366–385)

Day	Problem Name	LeetCode Link	Topic	Difficulty
366	Single Number	https://leetcode.com/problems/single-number/	Bit	Easy
367	Single Number II	https://leetcode.com/problems/single-number-ii/	Bit	Medium
368	Single Number III	https://leetcode.com/problems/single-number-iii/	Bit	Medium
369	Number of 1 Bits	https://leetcode.com/problems/number-of-1-bits/	Bit	Easy
370	Counting Bits	https://leetcode.com/problems/counting-bits/	Bit	Easy
371	Reverse Bits	https://leetcode.com/problems/reverse-bits/	Bit	Easy
372	Power of Two	https://leetcode.com/problems/power-of-two/	Bit	Easy
373	Power of Four	https://leetcode.com/problems/power-of-four/	Bit	Easy
374	Missing Number	https://leetcode.com/problems/missing-number/	Bit	Easy
375	Sum of Two Integers	https://leetcode.com/problems/sum-of-two-integers/	Bit	Medium
376	Bitwise AND of Numbers Range	https://leetcode.com/problems/bitwise-and-of-numbers-range/	Bit	Medium
377	Gray Code	https://leetcode.com/problems/gray-code/	Bit	Medium
378	UTF-8 Validation	https://leetcode.com/problems/utf-8-validation/	Bit	Medium
379	Maximum Product of Word Lengths	https://leetcode.com/problems/maximum-product-of-word-lengths/	Bit	Medium
380	Repeated DNA Sequences	https://leetcode.com/problems/repeated-dna-sequences/	Bit	Medium
381	Find the Difference	https://leetcode.com/problems/find-the-difference/	Bit	Easy
382	Hamming Distance	https://leetcode.com/problems/hamming-distance/	Bit	Easy

Day	Problem Name	LeetCode Link	Topic	Difficulty
383	Total Hamming Distance	https://leetcode.com/problems/total-hamming-distance/	Bit	Medium
384	Divide Two Integers	https://leetcode.com/problems/divide-two-integers/	Bit	Medium
385	Binary Watch	https://leetcode.com/problems/binary-watch/	Bit	Easy

Phase 13: Greedy Algorithms (Days 386-410)

Day	Problem Name	LeetCode Link	Topic	Difficulty
386	Jump Game	https://leetcode.com/problems/jump-game/	Greedy	Medium
387	Jump Game II	https://leetcode.com/problems/jump-game-ii/	Greedy	Medium
388	Gas Station	https://leetcode.com/problems/gas-station/	Greedy	Medium
389	Hand of Straights	https://leetcode.com/problems/hand-of-straights/	Greedy	Medium
390	Partition Labels	https://leetcode.com/problems/partition-labels/	Greedy	Medium
391	Merge Triplets to Form Target	https://leetcode.com/problems/merge-triplets-to-form-target-triplet/	Greedy	Medium
392	Valid Parenthesis String	https://leetcode.com/problems/valid-parenthesis-string/	Greedy	Medium
393	Minimum Add to Make Parentheses Valid	https://leetcode.com/problems/minimum-add-to-make-parentheses-valid/	Greedy	Medium
394	Remove K Digits	https://leetcode.com/problems/remove-k-digits/	Greedy	Medium
395	Largest Number	https://leetcode.com/problems/largest-number/	Greedy	Medium
396	Create Maximum Number	https://leetcode.com/problems/create-maximum-number/	Greedy	Hard
397	Queue Reconstruction by Height	https://leetcode.com/problems/queue-reconstruction-by-height/	Greedy	Medium
398	Task Scheduler	https://leetcode.com/problems/task-scheduler/	Greedy	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
399	Minimum Number of Arrows to Burst Balloons	https://leetcode.com/problems/minimum-number-of-arrows-to-burst-balloons/	Greedy	Medium
400	Non-overlapping Intervals	https://leetcode.com/problems/non-overlapping-intervals/	Greedy	Medium
401	Can Place Flowers	https://leetcode.com/problems/can-place-flowers/	Greedy	Easy
402	Assign Cookies	https://leetcode.com/problems/assign-cookies/	Greedy	Easy
403	Lemonade Change	https://leetcode.com/problems/lemonade-change/	Greedy	Easy
404	Boats to Save People	https://leetcode.com/problems/boats-to-save-people/	Greedy	Medium
405	Bag of Tokens	https://leetcode.com/problems/bag-of-tokens/	Greedy	Medium
406	Candy	https://leetcode.com/problems/candy/	Greedy	Hard
407	Minimum Cost to Connect Sticks	https://leetcode.com/problems/minimum-cost-to-connect-sticks/	Greedy	Medium
408	Minimum Deletions to Make Character Frequencies Unique	https://leetcode.com/problems/minimum-deletions-to-make-character-frequencies-unique/	Greedy	Medium
409	Maximum Ice Cream Bars	https://leetcode.com/problems/maximum-ice-cream-bars/	Greedy	Medium
410	Construct Target Array With Multiple Sums	https://leetcode.com/problems/construct-target-array-with-multiple-sums/	Greedy	Hard

Phase 14: Two Pointers & Sliding Window (Days 411–440)

Day	Problem Name	LeetCode Link	Topic	Difficulty
411	Two Sum II	https://leetcode.com/problems/two-sum-ii-input-array-is-sorted/	Two Pointers	Easy
412	3Sum	https://leetcode.com/problems/3sum/	Two Pointers	Medium
413	3Sum Closest	https://leetcode.com/problems/3sum-closest/	Two Pointers	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
414	4Sum	https://leetcode.com/problems/4sum/	Two Pointers	Medium
415	Container With Most Water	https://leetcode.com/problems/container-with-most-water/	Two Pointers	Medium
416	Trapping Rain Water	https://leetcode.com/problems/trapping-rain-water/	Two Pointers	Hard
417	Remove Duplicates from Sorted Array	https://leetcode.com/problems/remove-duplicates-from-sorted-array/	Two Pointers	Easy
418	Remove Duplicates from Sorted Array II	https://leetcode.com/problems/remove-duplicates-from-sorted-array-ii/	Two Pointers	Medium
419	Move Zeroes	https://leetcode.com/problems/move-zeroes/	Two Pointers	Easy
420	Sort Colors	https://leetcode.com/problems/sort-colors/	Two Pointers	Medium
421	Valid Palindrome	https://leetcode.com/problems/valid-palindrome/	Two Pointers	Easy
422	Valid Palindrome II	https://leetcode.com/problems/valid-palindrome-ii/	Two Pointers	Easy
423	Reverse String	https://leetcode.com/problems/reverse-string/	Two Pointers	Easy
424	Reverse Vowels of a String	https://leetcode.com/problems/reverse-vowels-of-a-string/	Two Pointers	Easy
425	Reverse Words in a String III	https://leetcode.com/problems/reverse-words-in-a-string-iii/	Two Pointers	Easy
426	Squares of a Sorted Array	https://leetcode.com/problems/squares-of-a-sorted-array/	Two Pointers	Easy
427	Longest Substring Without Repeating Characters	https://leetcode.com/problems/longest-substring-without-repeating-characters/	Sliding Window	Medium
428	Longest Repeating Character Replacement	https://leetcode.com/problems/longest-repeating-character-replacement/	Sliding Window	Medium
429	Minimum Window Substring	https://leetcode.com/problems/minimum-window-substring/	Sliding Window	Hard
430	Sliding Window Maximum	https://leetcode.com/problems/sliding-window-maximum/	Sliding Window	Hard
431	Permutation in String	https://leetcode.com/problems/permutation-in-string/	Sliding Window	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
432	Find All Anagrams in a String	https://leetcode.com/problems/find-all-anagrams-in-a-string/	Sliding Window	Medium
433	Minimum Size Subarray Sum	https://leetcode.com/problems/minimum-size-subarray-sum/	Sliding Window	Medium
434	Maximum Average Subarray I	https://leetcode.com/problems/maximum-average-subarray-i/	Sliding Window	Easy
435	Fruit Into Baskets	https://leetcode.com/problems/fruit-into-baskets/	Sliding Window	Medium
436	Longest Turbulent Subarray	https://leetcode.com/problems/longest-turbulent-subarray/	Sliding Window	Medium
437	Grumpy Bookstore Owner	https://leetcode.com/problems/grumpy-bookstore-owner/	Sliding Window	Medium
438	Max Consecutive Ones III	https://leetcode.com/problems/max-consecutive-ones-iii/	Sliding Window	Medium
439	Get Equal Substrings Within Budget	https://leetcode.com/problems/get-equal-substrings-within-budget/	Sliding Window	Medium
440	Longest Substring with At Most K Distinct Characters	https://leetcode.com/problems/longest-substring-with-at-most-k-distinct-characters/	Sliding Window	Medium

Phase 15: Union Find (Disjoint Set) (Days 441–460)

Day	Problem Name	LeetCode Link	Topic	Difficulty
441	Number of Provinces	https://leetcode.com/problems/number-of-provinces/	Union Find	Medium
442	Redundant Connection	https://leetcode.com/problems/redundant-connection/	Union Find	Medium
443	Accounts Merge	https://leetcode.com/problems/accounts-merge/	Union Find	Medium
444	Graph Valid Tree	https://leetcode.com/problems/graph-valid-tree/	Union Find	Medium
445	Number of Connected Components	https://leetcode.com/problems/number-of-connected-components-in-an-undirected-graph/	Union Find	Medium
446	Most Stones Removed with Same Row or Column	https://leetcode.com/problems/most-stones-removed-with-same-row-or-column/	Union Find	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
447	Satisfiability of Equality Equations	https://leetcode.com/problems/satisfiability-of-equality-equations/	Union Find	Medium
448	Regions Cut By Slashes	https://leetcode.com/problems/regions-cut-by-slashes/	Union Find	Medium
449	Smallest String With Swaps	https://leetcode.com/problems/smallest-string-with-swaps/	Union Find	Medium
450	Evaluate Division	https://leetcode.com/problems/evaluate-division/	Union Find	Medium
451	Minimize Malware Spread	https://leetcode.com/problems/minimize-malware-spread/	Union Find	Hard
452	Minimize Malware Spread II	https://leetcode.com/problems/minimize-malware-spread-ii/	Union Find	Hard
453	Number of Islands II	https://leetcode.com/problems/number-of-islands-ii/	Union Find	Hard
454	Longest Consecutive Sequence	https://leetcode.com/problems/longest-consecutive-sequence/	Union Find	Medium
455	Checking Existence of Edge Length Limited Paths	https://leetcode.com/problems/checking-existence-of-edge-length-limited-paths/	Union Find	Hard
456	Couples Holding Hands	https://leetcode.com/problems/couples-holding-hands/	Union Find	Hard
457	Number of Operations to Make Network Connected	https://leetcode.com/problems/number-of-operations-to-make-network-connected/	Union Find	Medium
458	Remove Max Number of Edges to Keep Graph Fully Traversable	https://leetcode.com/problems/remove-max-number-of-edges-to-keep-graph-fully-traversable/	Union Find	Hard
459	Lexicographically Smallest Equivalent String	https://leetcode.com/problems/lexicographically-smallest-equivalent-string/	Union Find	Medium
460	Sentence Similarity II	https://leetcode.com/problems/sentence-similarity-ii/	Union Find	Medium

Phase 16: Advanced DP Patterns (Days 461–490)

Day	Problem Name	LeetCode Link	Topic	Difficulty

Day	Problem Name	LeetCode Link	Topic	Difficulty
461	Burst Balloons	https://leetcode.com/problems/burst-balloons/	DP	Hard
462	Remove Boxes	https://leetcode.com/problems/remove-boxes/	DP	Hard
463	Strange Printer	https://leetcode.com/problems/strange-printer/	DP	Hard
464	Minimum Cost to Merge Stones	https://leetcode.com/problems/minimum-cost-to-merge-stones/	DP	Hard
465	Scramble String	https://leetcode.com/problems/scramble-string/	DP	Hard
466	Palindrome Removal	https://leetcode.com/problems/palindrome-removal/	DP	Hard
467	Super Egg Drop	https://leetcode.com/problems/super-egg-drop/	DP	Hard
468	Cherry Pickup	https://leetcode.com/problems/cherry-pickup/	DP	Hard
469	Cherry Pickup II	https://leetcode.com/problems/cherry-pickup-ii/	DP	Hard
470	Dungeon Game	https://leetcode.com/problems/dungeon-game/	DP	Hard
471	Minimum Falling Path Sum	https://leetcode.com/problems/minimum-falling-path-sum/	DP	Medium
472	Minimum Falling Path Sum II	https://leetcode.com/problems/minimum-falling-path-sum-ii/	DP	Hard
473	Paint House	https://leetcode.com/problems/paint-house/	DP	Medium
474	Paint House II	https://leetcode.com/problems/paint-house-ii/	DP	Hard
475	Paint House III	https://leetcode.com/problems/paint-house-iii/	DP	Hard
476	Paint Fence	https://leetcode.com/problems/paint-fence/	DP	Medium
477	Guess Number Higher or Lower II	https://leetcode.com/problems/guess-number-higher-or-lower-ii/	DP	Medium
478	Freedom Trail	https://leetcode.com/problems/freedom-trail/	DP	Hard
479	Profitable Schemes	https://leetcode.com/problems/profitable-schemes/	DP	Hard
480	Number of Ways to Stay in the Same Place After Steps	https://leetcode.com/problems/number-of-ways-to-stay-in-the-same-place-after-some-steps/	DP	Hard
481	Number of Music Playlists	https://leetcode.com/problems/number-of-music-playlists/	DP	Hard

Day	Problem Name	LeetCode Link	Topic	Difficulty
482	Count Vowels Permutation	https://leetcode.com/problems/count-vowels-permutation/	DP	Hard
483	Dice Roll Simulation	https://leetcode.com/problems/dice-roll-simulation/	DP	Hard
484	Minimum Swaps To Make Sequences Increasing	https://leetcode.com/problems/minimum-swaps-to-make-sequences-increasing/	DP	Hard
485	Best Time to Buy and Sell Stock III	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iii/	DP	Hard
486	Best Time to Buy and Sell Stock IV	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iv/	DP	Hard
487	Frog Jump	https://leetcode.com/problems/frog-jump/	DP	Hard
488	Stone Game	https://leetcode.com/problems/stone-game/	DP	Medium
489	Stone Game II	https://leetcode.com/problems/stone-game-ii/	DP	Medium
490	Stone Game III	https://leetcode.com/problems/stone-game-iii/	DP	Hard

Phase 17: Matrix & Grid Problems (Days 491–510)

Day	Problem Name	LeetCode Link	Topic	Difficulty
491	Spiral Matrix	https://leetcode.com/problems/spiral-matrix/	Matrix	Medium
492	Spiral Matrix II	https://leetcode.com/problems/spiral-matrix-ii/	Matrix	Medium
493	Spiral Matrix III	https://leetcode.com/problems/spiral-matrix-iii/	Matrix	Medium
494	Rotate Image	https://leetcode.com/problems/rotate-image/	Matrix	Medium
495	Set Matrix Zeroes	https://leetcode.com/problems/set-matrix-zeroes/	Matrix	Medium
496	Game of Life	https://leetcode.com/problems/game-of-life/	Matrix	Medium
497	Valid Sudoku	https://leetcode.com/problems/valid-sudoku/	Matrix	Medium
498	Sudoku Solver	https://leetcode.com/problems/sudoku-solver/	Matrix	Hard
499	Word Search	https://leetcode.com/problems/word-search/	Matrix	Medium
500	Word Search II	https://leetcode.com/problems/word-search-ii/	Matrix	Hard
501	Number of Islands	https://leetcode.com/problems/number-of-islands/	Matrix	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
502	Max Area of Island	https://leetcode.com/problems/max-area-of-island/	Matrix	Medium
503	Flood Fill	https://leetcode.com/problems/flood-fill/	Matrix	Easy
504	Surrounded Regions	https://leetcode.com/problems/surrounded-regions/	Matrix	Medium
505	Number of Closed Islands	https://leetcode.com/problems/number-of-closed-islands/	Matrix	Medium
506	Number of Enclaves	https://leetcode.com/problems/number-of-enclaves/	Matrix	Medium
507	Number of Distinct Islands	https://leetcode.com/problems/number-of-distinct-islands/	Matrix	Medium
508	Shortest Path in Binary Matrix	https://leetcode.com/problems/shortest-path-in-binary-matrix/	Matrix	Medium
509	Shortest Path to Get All Keys	https://leetcode.com/problems/shortest-path-to-get-all-keys/	Matrix	Hard
510	Pacific Atlantic Water Flow	https://leetcode.com/problems/pacific-atlantic-water-flow/	Matrix	Medium

Phase 18: Math & Geometry (Days 511–535)

Day	Problem Name	LeetCode Link	Topic	Difficulty
511	Pow(x, n)	https://leetcode.com/problems/powx-n/	Math	Medium
512	Sqrt(x)	https://leetcode.com/problems/sqrtx/	Math	Easy
513	Integer to Roman	https://leetcode.com/problems/integer-to-roman/	Math	Medium
514	Roman to Integer	https://leetcode.com/problems/roman-to-integer/	Math	Easy
515	Multiply Strings	https://leetcode.com/problems/multiply-strings/	Math	Medium
516	Add Binary	https://leetcode.com/problems/add-binary/	Math	Easy
517	Plus One	https://leetcode.com/problems/plus-one/	Math	Easy
518	Factorial Trailing Zeroes	https://leetcode.com/problems/factorial-trailing-zeroes/	Math	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
519	Happy Number	https://leetcode.com/problems/happy-number/	Math	Easy
520	Ugly Number	https://leetcode.com/problems/ugly-number/	Math	Easy
521	Count Primes	https://leetcode.com/problems/count-primes/	Math	Medium
522	Excel Sheet Column Number	https://leetcode.com/problems/excel-sheet-column-number/	Math	Easy
523	Excel Sheet Column Title	https://leetcode.com/problems/excel-sheet-column-title/	Math	Easy
524	Fraction to Recurring Decimal	https://leetcode.com/problems/fraction-to-recurring-decimal/	Math	Medium
525	Palindrome Number	https://leetcode.com/problems/palindrome-number/	Math	Easy
526	Reverse Integer	https://leetcode.com/problems/reverse-integer/	Math	Medium
527	String to Integer (atoi)	https://leetcode.com/problems/string-to-integer-atoi/	Math	Medium
528	Valid Number	https://leetcode.com/problems/valid-number/	Math	Hard
529	Rectangle Overlap	https://leetcode.com/problems/rectangle-overlap/	Geometry	Easy
530	Rectangle Area	https://leetcode.com/problems/rectangle-area/	Geometry	Medium
531	Minimum Area Rectangle	https://leetcode.com/problems/minimum-area-rectangle/	Geometry	Medium
532	Max Points on a Line	https://leetcode.com/problems/max-points-on-a-line/	Geometry	Hard
533	Valid Square	https://leetcode.com/problems/valid-square/	Geometry	Medium
534	Perfect Rectangle	https://leetcode.com/problems/perfect-rectangle/	Geometry	Hard
535	Erect the Fence	https://leetcode.com/problems/erect-the-fence/	Geometry	Hard

Phase 19: Design Problems (Days 536–560)

Day	Problem Name	LeetCode Link	Topic	Difficulty

Day	Problem Name	LeetCode Link	Topic	Difficulty
536	LRU Cache	https://leetcode.com/problems/lru-cache/	Design	Medium
537	LFU Cache	https://leetcode.com/problems/lfu-cache/	Design	Hard
538	Design Twitter	https://leetcode.com/problems/design-twitter/	Design	Medium
539	Design Tic-Tac-Toe	https://leetcode.com/problems/design-tic-tac-toe/	Design	Medium
540	Design Snake Game	https://leetcode.com/problems/design-snake-game/	Design	Medium
541	Design Hit Counter	https://leetcode.com/problems/design-hit-counter/	Design	Medium
542	Time Based Key-Value Store	https://leetcode.com/problems/time-based-key-value-store/	Design	Medium
543	Insert Delete GetRandom O(1)	https://leetcode.com/problems/insert-delete-getrandom-o1/	Design	Medium
544	Insert Delete GetRandom O(1) - Duplicates	https://leetcode.com/problems/insert-delete-getrandom-o1-duplicates-allowed/	Design	Hard
545	Design Circular Queue	https://leetcode.com/problems/design-circular-queue/	Design	Medium
546	Design Circular Deque	https://leetcode.com/problems/design-circular-deque/	Design	Medium
547	Design Bounded Blocking Queue	https://leetcode.com/problems/design-bounded-blocking-queue/	Design	Medium
548	Design File System	https://leetcode.com/problems/design-file-system/	Design	Medium
549	Design In-Memory File System	https://leetcode.com/problems/design-in-memory-file-system/	Design	Hard
550	Design Search Autocomplete System	https://leetcode.com/problems/design-search-autocomplete-system/	Design	Hard
551	Design Browser History	https://leetcode.com/problems/design-browser-history/	Design	Medium
552	Design Underground System	https://leetcode.com/problems/design-underground-system/	Design	Medium
553	Design Parking System	https://leetcode.com/problems/design-parking-system/	Design	Easy
554	Design a Stack With Increment Operation	https://leetcode.com/problems/design-a-stack-with-increment-operation/	Design	Medium

Day	Problem Name	LeetCode Link	Topic	Difficulty
555	Design Front Middle Back Queue	https://leetcode.com/problems/design-front-middle-back-queue/	Design	Medium
556	Design Most Recently Used Queue	https://leetcode.com/problems/design-most-recently-used-queue/	Design	Medium
557	Design HashMap	https://leetcode.com/problems/design-hashmap/	Design	Easy
558	Design HashSet	https://leetcode.com/problems/design-hashset/	Design	Easy
559	Design Linked List	https://leetcode.com/problems/design-linked-list/	Design	Medium
560	All O`one Data Structure	https://leetcode.com/problems/all-oone-data-structure/	Design	Hard

Phase 20: Advanced Topics & Hard Problems (Days 561-600)

Day	Problem Name	LeetCode Link	Topic	Difficulty
561	Median of Two Sorted Arrays	https://leetcode.com/problems/median-of-two-sorted-arrays/	Binary Search	Hard
562	Merge k Sorted Lists	https://leetcode.com/problems/merge-k-sorted-lists/	Heap	Hard
563	Trapping Rain Water	https://leetcode.com/problems/trapping-rain-water/	Stack	Hard
564	Largest Rectangle in Histogram	https://leetcode.com/problems/largest-rectangle-in-histogram/	Stack	Hard
565	Maximal Rectangle	https://leetcode.com/problems/maximal-rectangle/	Stack	Hard
566	Word Ladder II	https://leetcode.com/problems/word-ladder-ii/	Graph	Hard
567	Alien Dictionary	https://leetcode.com/problems/alien-dictionary/	Graph	Hard
568	Minimum Window Substring	https://leetcode.com/problems/minimum-window-substring/	Sliding Window	Hard

Day	Problem Name	LeetCode Link	Topic	Difficulty
569	Sliding Window Maximum	https://leetcode.com/problems/sliding-window-maximum/	Sliding Window	Hard
570	Longest Valid Parentheses	https://leetcode.com/problems/longest-valid-parentheses/	Stack	Hard
571	Basic Calculator	https://leetcode.com/problems/basic-calculator/	Stack	Hard
572	Count of Smaller Numbers After Self	https://leetcode.com/problems/count-of-smaller-numbers-after-self/	Binary Search	Hard
573	Reverse Nodes in k-Group	https://leetcode.com/problems/reverse-nodes-in-k-group/	Linked List	Hard
574	Shortest Palindrome	https://leetcode.com/problems/shortest-palindrome/	String	Hard
575	Regular Expression Matching	https://leetcode.com/problems/regular-expression-matching/	DP	Hard
576	Wildcard Matching	https://leetcode.com/problems/wildcard-matching/	DP	Hard
577	Edit Distance	https://leetcode.com/problems/edit-distance/	DP	Hard
578	Distinct Subsequences	https://leetcode.com/problems/distinct-subsequences/	DP	Hard
579	Interleaving String	https://leetcode.com/problems/interleaving-string/	DP	Hard
580	N-Queens	https://leetcode.com/problems/n-queens/	Backtracking	Hard
581	Sudoku Solver	https://leetcode.com/problems/sudoku-solver/	Backtracking	Hard
582	Word Search II	https://leetcode.com/problems/word-search-ii/	Trie	Hard
583	Palindrome Pairs	https://leetcode.com/problems/palindrome-pairs/	Trie	Hard
584	Serialize and Deserialize Binary Tree	https://leetcode.com/problems/serialize-and-deserialize-binary-tree/	Tree	Hard
585	Binary Tree Maximum Path Sum	https://leetcode.com/problems/binary-tree-maximum-path-sum/	Tree	Hard

Day	Problem Name	LeetCode Link	Topic	Difficulty
586	Find Median from Data Stream	https://leetcode.com/problems/find-median-from-data-stream/	Heap	Hard
587	The Skyline Problem	https://leetcode.com/problems/the-skyline-problem/	Heap	Hard
588	Burst Balloons	https://leetcode.com/problems/burst-balloons/	DP	Hard
589	Super Egg Drop	https://leetcode.com/problems/super-egg-drop/	DP	Hard
590	Cherry Pickup	https://leetcode.com/problems/cherry-pickup/	DP	Hard
591	Minimum Cost to Merge Stones	https://leetcode.com/problems/minimum-cost-to-merge-stones/	DP	Hard
592	Remove Boxes	https://leetcode.com/problems/remove-boxes/	DP	Hard
593	Strange Printer	https://leetcode.com/problems/strange-printer/	DP	Hard
594	Shortest Path Visiting All Nodes	https://leetcode.com/problems/shortest-path-visiting-all-nodes/	Graph	Hard
595	Word Ladder II	https://leetcode.com/problems/word-ladder-ii/	Graph	Hard
596	Bus Routes	https://leetcode.com/problems/bus-routes/	Graph	Hard
597	Swim in Rising Water	https://leetcode.com/problems/swim-in-rising-water/	Graph	Hard
598	Critical Connections in a Network	https://leetcode.com/problems/critical-connections-in-a-network/	Graph	Hard
599	Max Flow Min Cut Problems	https://leetcode.com/problems/maximum-students-taking-exam/	Graph	Hard
600	Reverse Pairs	https://leetcode.com/problems/reverse-pairs/	Divide & Conquer	Hard

Completion Summary

Congratulations!

You've completed 600 LeetCode problems covering:

- Arrays & Strings
- Hash Maps & Hash Sets
- Stacks & Queues
- Linked Lists
- Binary Trees & BSTs
- Graphs (BFS/DFS)
- Dynamic Programming
- Backtracking
- Binary Search
- Heaps & Priority Queues
- Tries
- Bit Manipulation
- Greedy Algorithms
- Two Pointers & Sliding Window
- Union Find
- Matrix Problems
- Math & Geometry
- System Design

Next Steps:

1. Review weak topics by revisiting those problems
2. Practice mock interviews on platforms like Pramp or interviewing.io
3. Time yourself: aim for 20-30 min (easy), 30-45 min (medium), 45-60 min (hard)
4. Focus on explaining your thought process clearly
5. Keep a problem journal noting patterns and solutions

You're now ready to ace technical interviews!