

Channel: One question Daily				
Pattern	Question	Link 1	Link 2	Link 3
1. Pattern: Two Pointers				
Pair with Target Sum (easy)	https://leetcode.com/problems/two-sum/	https://www.geeksforgeeks.org/problems/pair-with-target-sum-in-a-sorted-array-1523119269/		
Rearrange 0 and 1	https://leetcode.com/problems/segregate-0s-and-1s/	https://www.geeksforgeeks.org/problems/segregate-0s-and-1s-1523119269/		
Remove Duplicates (easy)	https://leetcode.com/problems/remove-duplicates-from-sorted-list/			https://leetcode.com/problems/remove-duplicates-from-sorted-array-ii/
Squaring a Sorted Array (easy)	https://leetcode.com/problems/squares-of-a-sorted-array/			
Triplet Sum to Zero (medium)	https://leetcode.com/problems/3sum/			
Triplet Sum Close to Target (medium)	https://leetcode.com/problems/3sum-closest/			
Triplets with Smaller Sum (medium)	https://www.geeksforgeeks.org/problems/count-triplets-with-sum-smaller-than-x5549/			
Subarrays with Product Less than a Target (medium)	https://leetcode.com/problems/subarray-product-less-than-k/			
Dutch National Flag Problem (medium)	https://leetcode.com/problems/sort-colors/			
Problem Challenge 1: Quadruple Sum to Target (medium)	https://leetcode.com/problems/4sum/			
Problem Challenge 2: Comparing Strings containing Backspaces (medium)	https://leetcode.com/problems/backspace-string-compare/			
Problem Challenge 3: Minimum Window Sort (medium)	https://leetcode.com/problems/shortest-unsorted-continuous-subarray/			https://www.ideserve.co.in/learn/minimum-length-subarray-sorting-which-results-in-sorted-array
2. Pattern: Fast & Slow pointers				
Unlinked List Cycle (easy)	https://leetcode.com/problems/linked-list-cycle/			
Start of Unlinked List Cycle (medium)	https://leetcode.com/problems/linked-list-cycle-ii/			
Happy Number (medium)	https://leetcode.com/problems/happy-number/			
FIND DUPLICATE NUMBER	https://leetcode.com/problems/find-the-duplicate-number/			
Middle of the Unlinked List (easy)	https://leetcode.com/problems/middle-of-the-linked-list/			
Problem Challenge 1: Palindrome Linked List (medium)	https://leetcode.com/problems/palindrome-linked-list/			
Problem Challenge 2: Rearrange a Unlinked List (medium)	https://leetcode.com/problems/reorder-list/			
Problem Challenge 3: Cycle in a Circular Array (hard)	https://leetcode.com/problems/circular-array-loop/			
3. Pattern: Sliding Window				
Maximum Sum Subarray of Size K (easy)	https://www.geeksforgeeks.org/problems/max-sum-subarray-of-size-k-5313/1			
Smallest Subarray with a given sum (easy)	https://leetcode.com/problems/minimum-size-subarray-sum/			
Longest Substring with k Distinct Characters (medium)	https://www.geeksforgeeks.org/problems/longest-k-unique-characters-substring0853/1			
Fruits into Baskets (medium)	https://leetcode.com/problems/fruit-into-baskets/			
No-repeat Substring (hard)	https://leetcode.com/problems/longest-substring-without-repeating-characters/			
Longest Substring with Same Letters after Replacement (hard)	https://leetcode.com/problems/longest-repeating-character-replacement/			
Longest Subarray with Ones after Replacement (hard)	https://leetcode.com/problems/max-consecutive-ones-iii/			
Minimum size subarray SUM	https://leetcode.com/problems/minimum-size-subarray-sum/			
Minimum Size Substring (HARD)	https://leetcode.com/problems/minimum-window-substring/	https://leetcode.com/problems/minimum-window-substring/description/?envType=study-plan-v2&envId=top-interview-150		
Problem Challenge 1: Permutation in a String (hard)	https://leetcode.com/problems/permutation-in-string/			
Problem Challenge 2: String Anagrams (hard)	https://leetcode.com/problems/find-all-anagrams-in-a-string/			
Problem Challenge 4: Words Concatenation (hard)	https://leetcode.com/problems/substring-with-concatenation-of-all-words/			
Pattern: Kadane pattern				
Maximum subarray sum	https://leetcode.com/problems/maximum-subarray/	https://leetcode.com/problems/maximum-subarray/?utm_source=chatgpt.com		
Minimum Subarray Sum	https://www.geeksforgeeks.org/smallest-sum-contiguous-subarray/1			
Maximum product subarray	https://leetcode.com/problems/maximum-product-subarray/	https://leetcode.com/problems/maximum-product-subarray/?utm_source=chatgpt.com		
Maximum subarray sum with one deletion	https://leetcode.com/problems/maximum-subarray-sum-with-one-deletion/			
Maximum absolute sum of any subarray	https://leetcode.com/problems/maximum-absolute-sum-of-any-subarray/			
Maximum sum in circular array variant	https://leetcode.com/problems/maximum-sum-circular-subarray/	https://leetcode.com/problems/maximum-sum-circular-subarray/?utm_source=chatgpt.com		
PATTERN: PREFIX SUM				
Subarray Sum Equals K (EASY)	https://leetcode.com/problems/subarray-sum-equals-k/	https://leetcode.com/problems/subarray-sum-equals-k/description/		
Find Pivot Index (EASY)	https://leetcode.com/problems/find-pivot-index/	https://leetcode.com/problems/find-pivot-index/description/		
Subarray Sums Divisible By K (Med)	https://leetcode.com/problems/subarray-sums-divisible-by-k/	https://leetcode.com/problems/subarray-sums-divisible-by-k/description/		
Contiguous array (MED)	https://leetcode.com/problems/contiguous-array/	https://leetcode.com/problems/contiguous-array/description/		
Problem challenge: Shortest Subarray With Sum at Least K (HARD)	https://leetcode.com/problems/shortest-subarray-with-sum-at-least-k/	https://leetcode.com/problems/shortest-subarray-with-sum-at-least-k/description/		
Problem challenge: Count Range Sum (hard)	https://leetcode.com/problems/count-of-range-sum/	https://leetcode.com/problems/count-of-range-sum/description/		
4. Pattern: Merge Intervals				
Merge Intervals (medium)	https://leetcode.com/problems/merge-intervals/	https://leetcode.com/problems/merge-intervals/description/		
Insert Interval (medium)	https://leetcode.com/problems/insert-interval/	https://leetcode.com/problems/insert-interval/description/		
Intervals Intersection (medium)	https://leetcode.com/problems/interval-list-intersections/	https://leetcode.com/problems/interval-list-intersections/description/		
Overlapping Intervals	https://www.geeksforgeeks.org/check-if-any-two-intervals-overlap-among-a-given-set-of-intervals/	https://www.geeksforgeeks.org/check-if-any-two-intervals-overlap-among-a-given-set-of-intervals/		
Problem Challenge 1: Minimum Meeting Rooms (hard)	https://leetcode.com/problems/minimum-meeting-rooms/	https://www.geeksforgeeks.org/problems/minimum-meeting-rooms-1523119269/		
Problem Challenge 2: Maximum CPU Load (hard)	https://www.geeksforgeeks.org/maximize-cpu-load-from-the-given-list-of-jobs/			
Problem Challenge 3: Employee Free Time (hard)	https://www.codertrain.co/employee-free-time			
5. Pattern: Cyclic Sort				
Cyclic Sort (easy)	https://www.geeksforgeeks.org/sort-an-array-which-contain-1-to-n-values-in-on-using-cycle-sort/			
Find the Missing Number (easy)	https://leetcode.com/problems/missing-number/			
Find all Missing Numbers (easy)	https://leetcode.com/problems/find-all-numbers-disappeared-in-an-array/			
Find the Duplicate Number (easy)	https://leetcode.com/problems/find-duplicate-number/			
Find all Duplicate Numbers (easy)	https://leetcode.com/problems/find-all-duplicates-in-an-array/			
Problem Challenge 1: Find the Corrupt Pair (easy)	https://thehcodingsimplified.com/find-corrupt-pair/			
Problem Challenge 2: Find the Smallest Missing Positive Number (medium)	https://leetcode.com/problems/first-missing-positive/			
Problem Challenge 3: Find the First K Missing Positive Numbers (hard)	https://thehcodingsimplified.com/find-the-first-k-missing-positive-number/			

6. Pattern: In-place Reversal of a LinkedList	
Reverse a Linkedlist (easy)	https://leetcode.com/problems/reverse-linked-list/
Reverse a Sub-list (medium)	https://leetcode.com/problems/reverse-linked-list-ii/
Reverse List in Pairs (Medium)	https://leetcode.com/problems/swap-nodes-in-pairs/
Reverse every K-element Sub-list (HARD)	https://leetcode.com/problems/reverse-nodes-in-k-group/
Problem Challenge 1: Reverse nodes in EVEN Length Groups (HARD)	https://leetcode.com/problems/reverse-nodes-in-even-length-groups/
Problem Challenge 2: Rotate a LinkedList (medium)	https://leetcode.com/problems/rotate-list/
7. Pattern: Stack	
remove adjacent duplicates	https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string/
Balanced Parentheses	https://leetcode.com/problems/valid-parentheses/
Reverse a String	
Next Greater Element (easy)	https://leetcode.com/problems/next-greater-element-ii/
Daily Temperatures (easy)	https://leetcode.com/problems/daily-temperatures/
Remove Nodes From Linked List (easy)	https://leetcode.com/problems/remove-nodes-from-linked-list/
Remove All Adjacent Duplicates in String II (medium)	https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string-ii/
Simplify Path (Problem Challenge)	https://leetcode.com/problems/simplify-path/
Remove K Digits (hard) Problem challenge	https://leetcode.com/problems/remove-k-digits/
9. Pattern: Hash Maps	
First Non-repeating Character (easy)	https://leetcode.com/problems/first-unique-character-in-a-string/
Maximum Number of Balloons (easy)	https://leetcode.com/problems/maximum-number-of-balloons/
Longest Palindrome(easy)	https://leetcode.com/problems/longest-palindrome/
Ransom Note (easy)	https://leetcode.com/problems/ransom-note/
10. Pattern : Binary Search	
Binary search basic	https://leetcode.com/problems/binary-search/
Upper Bound/ Ceiling	https://www.geeksforgeeks.org/problems/ceil-in-a-sorted-array/1
First and Last position	https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/
Count number of occurrences	https://www.geeksforgeeks.org/problems/number-of-occurrence2259/
Search in infinite Sorted array	https://www.geeksforgeeks.org/find-position-element-sorted-array-infinite-numbers/
Peak index in Mountain	https://leetcode.com/problems/peak-index-in-a-mountain-array/
Find peak in mountain range	https://leetcode.com/problems/find-peak-element/
Find minimum in rotated sorted array	https://leetcode.com/problems/find-minimum-in-rotated-sorted-array/
Find number of rotations to sorted array	https://www.geeksforgeeks.org/problems/rotation4723/1
Search in rotated sorted array	https://leetcode.com/problems/search-in-rotated-sorted-array/
KOKO eating BANANAS	https://leetcode.com/problems/koko-eating-bananas/
Min num of days to make m bouquets	https://leetcode.com/problems/minimum-number-of-days-to-make-m-bouquets/
Aggressive cows	https://www.geeksforgeeks.org/problems/aggressive-cows/1
Max candies to k children	https://leetcode.com/problems/maximum-candies-allocated-to-k-children/
Capacity to ship packages in d days	https://leetcode.com/problems/capacity-to-ship-packages-within-d-days/
Book Allocation Problem	https://www.geeksforgeeks.org/problems/allocate-minimum-number-of-pages0937/
Split largest array	https://leetcode.com/problems/split-largest-sum/
Search 2 D matrix	https://leetcode.com/problems/search-a-2d-matrix/
Search 2D matrix (Hard)	https://leetcode.com/problems/search-a-2d-matrix-ii/
kth smallest in sorted matrix	https://leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/
kth smallest in multiplication matrix	https://leetcode.com/problems/k-th-smallest-number-in-multiplication-table/
median of 2 sorted arrays	https://leetcode.com/problems/median-of-two-sorted-arrays/
Pattern: Graph Traversal: Breadth First Search (BFS)	
Find if Path Exists in Graph(easy)	https://leetcode.com/problems/find-if-path-exists-in-graph/
Number of Provinces (medium)	https://leetcode.com/problems/number-of-provinces/
Minimum Number of Vertices to Reach All Nodes(medium)	https://leetcode.com/problems/minimum-number-of-vertices-to-reach-all-nodes/
13. Pattern: Island (Matrix traversal)	
Number of Islands (easy)	https://leetcode.com/problems/number-of-islands/
Biggest Island (easy)	
Flood Fill (easy)	https://leetcode.com/problems/flood-fill/
Number of Closed Islands (easy)	https://leetcode.com/problems/number-of-closed-islands/
Problem Challenge 1 (easy)	
Problem Challenge 2 (medium)	
Problem Challenge 3 (medium)	
14. Pattern: Two Heaps	
Find the Median of a Number Stream (medium)	https://leetcode.com/problems/find-median-from-data-stream/
Sliding Window Median (hard)	https://leetcode.com/problems/sliding-window-median/
Maximize Capital (hard)	https://leetcode.com/problems/ipo/
*Maximum Sum Combinations (medium)	https://www.interviewbit.com/problems/maximum-sum-combinations/
15. Pattern: Subsets	
Subsets (easy)	https://www.educative.io/courses/grokking-the-coding-interview/gx2OglvEnWG
Subsets With Duplicates (easy)	https://www.educative.io/courses/grokking-the-coding-interview/Tnpk3V3lQNr
Permutations (medium)	https://www.educative.io/courses/grokking-the-coding-interview/B8R83jyN3KY
String Permutations by changing case (medium)	
Balanced Parentheses (hard)	

Unique Generalized Abbreviations (hard)	https://leetcode.com/problems/generalized-abbreviation/				
17. Pattern: Bitwise XOR					
Single Number (easy)					
Two Single Numbers (medium)					
Complement of Base 10 Number (medium)					
Problem Challenge 1: Flip and Invert an Image (hard)					
18. Pattern: Top K' Elements					
Top K' Numbers (easy)	https://github.com/dipjul/Grokking-the-Coding-Interview-Patterns-for-Coding-Questions/blob/master/13.-pattern-top-k-elements/02.top-k-numbers.md				
Kth Smallest Number (easy)					
K' Closest Points to the Origin (easy)	https://leetcode.com/problems/k-closest-points-to-origin/				
Connect Ropes (easy)					
Top K' Frequent Numbers (medium)					
Frequency Sort (medium)					
Kth Largest Number in a Stream (medium)	https://leetcode.com/problems/kth-largest-element-in-a-stream/				
K' Closest Numbers (medium)					
Maximum Distinct Elements (medium)					
Sum of Elements (medium)					
Rearrange String (hard)					
Problem Challenge 1: Rearrange String K Distance Apart (hard)					
Problem Challenge 2: Scheduling Tasks (hard)					
Problem Challenge 3: Frequency Stack (hard)					
*	https://github.com/dipjul/Grokking-the-Coding-Interview-Patterns-for-Coding-Questions/blob/master/13.-pattern-top-k-elements/13.HeapImplementation.md				
19. Pattern: K-way merge					
Merge K Sorted Lists (medium)	https://leetcode.com/problems/merge-k-sorted-lists/				
Kth Smallest Number in M Sorted Lists (Medium)	https://www.geeksforgeeks.org/find-m-th-smallest-value-in-k-sorted-arrays/				
Kth Smallest Number in a Sorted Matrix (Hard)	https://www.educative.io/courses/grokking-the-coding-interview/x1NUYKNvg				
Smallest Number Range (Hard)	https://leetcode.com/problems/smallest-range-covering-elements-from-k-lists/				
Problem Challenge 1: K Pairs with Largest Sums (hard)					
20. Pattern: Greedy Algorithms					
ValidPalindrome II (easy)	https://leetcode.com/problems/valid-palindrome-ii/				
Maximum Length of Pair Chain (medium)	https://leetcode.com/problems/maximum-length-of-pair-chain/				
Minimum Add to Make Parentheses Valid (medium)	https://leetcode.com/problems/minimum-add-to-make-parentheses-valid/				
Remove Duplicate Letters (medium)	https://leetcode.com/problems/remove-duplicate-letters/				
Largest Palindromic Number (Medium)	https://leetcode.com/problems/largest-palindromic-number/				
Removing Minimum and Maximum From Array (medium)	https://leetcode.com/problems/removing-minimum-and-maximum-from-array/				
21. Pattern : 0/1 Knapsack (Dynamic Programming)					
0/1 Knapsack (medium)	https://www.geeksforgeeks.org/0-1-knapsack-problem-dp-10/				
Equal Subset Sum Partition (medium)	https://leetcode.com/problems/partition-equal-subset-sum/				
Subset Sum (medium)	https://www.geeksforgeeks.org/subset-sum-problem-dp-25/				
Minimum Subset Sum Difference (hard)	https://www.geeksforgeeks.org/partition-a-set-into-two-subsets-such-that-the-difference-of-subset-sums-is-minimum/				
Problem Challenge 1: Count of Subset Sum (hard)					
Problem Challenge 2: Target Sum (hard)					
22. Pattern: Backtracking					
Combination Sum (medium)	https://leetcode.com/problems/combination-sum/	https://leetcode.com/problems/combination-sum-ii/	https://leetcode.com/problems/combination-sum-iii/		
Word Search (medium)	https://leetcode.com/problems/word-search/	https://leetcode.com/problems/word-search-ii/			
Sudoku Solver (hard)	https://leetcode.com/problems/sudoku-solver/				
Factor Combinations (medium)	https://leetcode.com/problems/factor-combinations/				
Split a String Into the Max Number of Unique Substrings (medium)	https://leetcode.com/problems/split-a-string-into-the-max-number-of-unique-substrings/				
23. Pattern: Trie					
Implement Trie (Prefix Tree) (medium)	https://leetcode.com/problems/implement-trie-prefix-tree/				
Index Pairs of a String (easy)	https://leetcode.com/problems/index-pairs-of-a-string/				
Design Add and Search Words Data Structure (medium)	https://leetcode.com/problems/design-add-and-search-words-data-structure/				
Extra Characters in a String (medium)	https://leetcode.com/problems/extra-characters-in-a-string/				
Search Suggestions System (medium)	https://leetcode.com/problems/search-suggestions-system/				
24. Pattern: Topological Sort (Graph)					
Topological Sort (medium)	https://www.youtube.com/watch?v=cIBEEhD77b4				
Tasks Scheduling (medium)	https://leetcode.com/problems/course-schedule/				
Tasks Scheduling Order (medium)	https://leetcode.com/problems/course-schedule/				
All Tasks Scheduling Orders (hard)	https://leetcode.com/problems/course-schedule-ii/				
Alien Dictionary (hard)	https://leetcode.com/problems/alien-dictionary/				
Problem Challenge 1: Reconstructing a Sequence (hard)	https://leetcode.com/problems/sequence-reconstruction/				
Problem Challenge 2: Minimum Height Trees (hard)	https://leetcode.com/problems/minimum-height-trees/				
25. Pattern: Union Find					
Redundant Connection (medium)	https://leetcode.com/problems/redundant-connection/	https://leetcode.com/problems/redundant-connection-ii/			
Number of Provinces (medium)	https://leetcode.com/problems/number-of-provinces/				
Is Graph Bipartite? (medium)	https://leetcode.com/problems/is-graph-bipartite/				
Path With Minimum Effort (medium)	https://leetcode.com/problems/path-with-minimum-effort/				
26. Ordered Set					

Merge Similar Items (easy)	https://leetcode.com/problems/merge-similar-items/				
132 Pattern (medium)	https://leetcode.com/problems/132-pattern/				
My Calendar I (medium)	https://leetcode.com/problems/my-calendar-i/	https://leetcode.com/problems/my-calendar-ii/	https://leetcode.com/problems/my-calendar-iii/		