**Arrays :**

<https://leetcode.com/problems/kth-largest-element-in-an-array/><https://leetcode.com/problems/neither-minimum-nor-maximum/><https://leetcode.com/problems/sort-colors/><https://leetcode.com/problems/missing-number/><https://leetcode.com/problems/maximum-product-of-three-numbers/><https://leetcode.com/problems/remove-duplicates-from-sorted-array/><https://takeuforward.org/data-structure/left-rotate-the-array-by-one/><https://leetcode.com/problems/rotate-array/><https://leetcode.com/problems/move-zeroes/><https://leetcode.com/problems/max-consecutive-ones/><https://leetcode.com/problems/rotate-image/><https://leetcode.com/problems/spiral-matrix/><https://leetcode.com/problems/spiral-matrix-ii/><https://leetcode.com/problems/best-time-to-buy-and-sell-stock>

**Strings :**

<https://leetcode.com/problems/valid-anagram/><https://leetcode.com/problems/reverse-string/><https://leetcode.com/problems/reverse-words-in-a-string/><https://leetcode.com/problems/valid-palindrome/><https://leetcode.com/problems/valid-palindrome-ii/><https://leetcode.com/problems/consecutive-characters/><https://leetcode.com/problems/longest-common-prefix/>

**HashMap & Sliding window technique :**

<https://leetcode.com/problems/first-unique-character-in-a-string/>

<https://leetcode.com/problems/first-letter-to-appear-twice/>

<https://www.geeksforgeeks.org/counting-frequencies-of-array-elements/>

<https://leetcode.com/problems/sort-characters-by-frequency/>

<https://leetcode.com/problems/two-sum/>

<https://www.geeksforgeeks.org/find-a-pair-with-the-given-difference/>

<https://leetcode.com/problems/3sum/>

<https://leetcode.com/problems/intersection-of-two-arrays/>

<https://leetcode.com/problems/intersection-of-two-arrays-ii/>

<https://leetcode.com/problems/longest-substring-without-repeating-characters/>

<https://leetcode.com/problems/longest-substring-with-at-most-two-distinct-characters/>

<https://leetcode.com/problems/longest-substring-with-at-most-k-distinct-characters/>

<https://leetcode.com/problems/longest-repeating-character-replacement/>

<https://www.geeksforgeeks.org/find-if-there-is-a-subarray-with-0-sum/>

<https://leetcode.com/problems/subarray-sum-equals-k/>

<https://leetcode.com/problems/subarray-sums-divisible-by-k/>

<https://leetcode.com/problems/valid-anagram/>

<https://leetcode.com/problems/group-anagrams/>

<https://leetcode.com/problems/max-consecutive-ones/>

<https://www.lintcode.com/problem/883/>

<https://leetcode.com/problems/max-consecutive-ones-iii/>

<https://leetcode.com/problems/lru-cache/>

<https://leetcode.com/problems/sliding-window-maximum/>

**Stacks and Queues :**

<https://www.geeksforgeeks.org/stack-data-structure/>

<https://www.javatpoint.com/ds-array-implementation-of-stack><https://leetcode.com/problems/valid-parentheses/><https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string/><https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string-ii/><https://leetcode.com/problems/removing-stars-from-a-string/><https://leetcode.com/problems/next-greater-element-i/><https://leetcode.com/problems/next-greater-element-ii/><https://leetcode.com/problems/daily-temperatures/><https://leetcode.com/problems/trapping-rain-water/><https://leetcode.com/problems/top-k-frequent-elements/><https://www.geeksforgeeks.org/queue-data-structure/><https://www.geeksforgeeks.org/array-implementation-of-queue-simple/><https://leetcode.com/problems/implement-queue-using-stacks><https://leetcode.com/problems/implement-stack-using-queues><https://leetcode.com/problems/kth-largest-element-in-an-array/>

Sum of K largest elements

<https://takeuforward.org/data-structure/kth-largest-smallest-element-in-an-array/>

Sum of k minimum elements

**Linked list :**

<https://www.geeksforgeeks.org/search-an-element-in-a-linked-list-iterative-and-recursive/><https://www.geeksforgeeks.org/find-length-of-a-linked-list-iterative-and-recursive/><https://leetcode.com/problems/middle-of-the-linked-list><https://leetcode.com/problems/delete-the-middle-node-of-a-linked-list><https://leetcode.com/problems/merge-two-sorted-lists><https://leetcode.com/problems/palindrome-linked-list>

<https://leetcode.com/problems/remove-nth-node-from-end-of-list><https://leetcode.com/problems/remove-duplicates-from-sorted-list><https://leetcode.com/problems/remove-linked-list-elements><https://leetcode.com/problems/delete-node-in-a-linked-list><https://leetcode.com/problems/reverse-linked-list><https://leetcode.com/problems/swapping-nodes-in-a-linked-list><https://leetcode.com/problems/flatten-binary-tree-to-linked-list><https://leetcode.com/problems/odd-even-linked-list>

**Recursion :**

<https://www.geeksforgeeks.org/introduction-to-recursion-data-structure-and-algorithm-tutorials/>

Print 1 to 10 using recursion

<https://www.geeksforgeeks.org/java-program-for-factorial-of-a-number/>

<https://www.geeksforgeeks.org/java-program-to-display-numbers-and-sum-of-first-n-natural-numbers/>

<https://leetcode.com/problems/fibonacci-number/><https://leetcode.com/problems/combination-sum/><https://leetcode.com/problems/combination-sum-ii/><https://leetcode.com/problems/subsets/><https://leetcode.com/problems/subsets-ii/>

**Trees :**

**Binary tree :**

<https://takeuforward.org/data-structure/strivers-tree-series-tree-data-structure/#point_1><https://leetcode.com/problems/binary-tree-preorder-traversal/><https://leetcode.com/problems/binary-tree-inorder-traversal/>

<https://leetcode.com/problems/binary-tree-postorder-traversal/>

<https://www.geeksforgeeks.org/search-a-node-in-binary-tree/>

<https://www.geeksforgeeks.org/sum-nodes-binary-tree/>

<https://leetcode.com/problems/second-minimum-node-in-a-binary-tree/>

<https://www.geeksforgeeks.org/find-maximum-or-minimum-in-binary-tree/>

<https://leetcode.com/problems/maximum-depth-of-binary-tree/>

<https://leetcode.com/problems/balanced-binary-tree/>

<https://leetcode.com/problems/diameter-of-binary-tree/>

<https://leetcode.com/problems/same-tree/>

<https://leetcode.com/problems/symmetric-tree/>

<https://leetcode.com/problems/binary-tree-maximum-path-sum/>

<https://leetcode.com/problems/binary-tree-zigzag-level-order-traversal/>

<https://leetcode.com/problems/binary-tree-right-side-view/>

<https://www.geeksforgeeks.org/print-left-view-binary-tree/>

<https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/>

<https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/>

<https://leetcode.com/problems/construct-binary-tree-from-inorder-and-postorder-traversal/>

<https://leetcode.com/problems/binary-tree-level-order-traversal/>

<https://leetcode.com/problems/binary-tree-level-order-traversal-ii/>

<https://leetcode.com/problems/binary-tree-zigzag-level-order-traversal/>

**Binary search tree :**

<https://leetcode.com/problems/search-in-a-binary-search-tree/><https://practice.geeksforgeeks.org/problems/minimum-element-in-bst/1>

Maximum element in bst

<https://leetcode.com/problems/insert-into-a-binary-search-tree/>

<https://leetcode.com/problems/delete-node-in-a-bst/><https://leetcode.com/problems/range-sum-of-bst><https://leetcode.com/problems/increasing-order-search-tree><https://leetcode.com/problems/kth-smallest-element-in-a-bst/><https://leetcode.com/problems/validate-binary-search-tree/><https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/><https://leetcode.com/problems/construct-binary-search-tree-from-preorder-traversal/><https://leetcode.com/problems/inorder-successor-in-bst/><https://leetcode.com/problems/two-sum-iv-input-is-a-bst/><https://leetcode.com/problems/balance-a-binary-search-tree>

**Dynamic programming :**

<https://leetcode.com/problems/climbing-stairs/><https://leetcode.com/problems/min-cost-climbing-stairs/><https://leetcode.com/problems/house-robber/><https://www.geeksforgeeks.org/0-1-knapsack-problem-dp-10/><https://leetcode.com/problems/coin-change/><https://leetcode.com/problems/coin-change-2/><https://leetcode.com/problems/unique-paths/><https://leetcode.com/problems/best-time-to-buy-and-sell-stock/><https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/><https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iii/description/><https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iv/>

**Binary Search :**

<https://www.geeksforgeeks.org/binary-search/>

<https://leetcode.com/problems/binary-search/>

<https://leetcode.com/problems/search-insert-position/>

<https://leetcode.com/problems/search-a-2d-matrix/>

<https://leetcode.com/problems/sqrtx/>

<https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/>