

| #CrackYourInternship Challenge | DSA Sheet by Arsh Follow on Youtube : https://www.youtube.com/c/arshchoval | #CrackYourPlacement Challenge | Microsoft | Adobe | Goldman Sachs | Intuit | Amazon |
|--------------------------------|---|-------------------------------|-----------|-------|---------------|--------|--------|
| | Arrays | | | | | | |
| Easy | https://leetcode.com/problems/find-the-duplicate-number/ | | | | | | |
| Easy | https://leetcode.com/problems/sort-colors/ | | | | | | |
| Easy | https://leetcode.com/problems/remove-duplicates-from-sorted-array/ | | | | | | |
| Easy | https://leetcode.com/problems/set-matrix-zeroes/ | | | | | | |
| Easy | https://leetcode.com/problems/move-zeroes/ | | | | | | |
| Easy | https://leetcode.com/problems/best-time-to-buy-and-sell-stock/ | | | | | | |
| Easy | https://www.geeksforgeeks.org/chocolate-distribution-problem/ | | | | | | |
| Easy | https://leetcode.com/problems/two-sum/ | | | | | | |
| Easy | https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/ | | | | | | |
| Medium | https://leetcode.com/problems/subarray-sums-divisible-by-k/ | | | | | | |
| Medium | https://leetcode.com/problems/find-all-duplicates-in-an-array/ | | | | | | |
| Medium | https://leetcode.com/problems/container-with-most-water/ | | | | | | |
| Medium | https://leetcode.com/problems/3sum/ | | | | | | |
| Medium | https://leetcode.com/problems/4sum/ | | | | | | |
| Medium | https://leetcode.com/problems/maximum-points-you-can-obtain-from-cards/ | | | | | | |
| Medium | https://leetcode.com/problems/subarray-sum-equals-k/ | | | | | | |
| Medium | https://leetcode.com/problems/spiral-matrix/ | | | | | | |
| Medium | https://leetcode.com/problems/word-search/ | | | | | | |
| Medium | https://leetcode.com/problems/jump-game/ | | | | | | |
| Medium | https://leetcode.com/problems/merge-sorted-array/ | | | | | | |
| Medium | https://leetcode.com/problems/majority-element/ | | | | | | |
| Medium | https://leetcode.com/problems/reverse-pairs/ | | | | | | |
| Medium | https://www.geeksforgeeks.org/print-all-possible-combinations-of-r-elements-in-a-given-array-of-size-n/ | | | | | | |
| Medium | https://leetcode.com/problems/game-of-life/ | | | | | | |
| Hard | https://leetcode.com/problems/max-value-of-equation/ | | | | | | |
| Hard | https://leetcode.com/problems/insert-delete-getrandom-o1-duplicates-allowed/ | | | | | | |
| Hard | https://leetcode.com/problems/largest-rectangle-in-histogram/ | | | | | | |
| Hard | https://leetcode.com/problems/max-value-of-equation/ | | | | | | |
| | Strings | | | | | | |
| Easy | https://leetcode.com/problems/valid-parentheses/ | | | | | | |
| Easy | https://www.geeksforgeeks.org/print-all-the-duplicates-in-the-input-string/ | | | | | | |
| Easy | https://leetcode.com/problems/implement-strstr/ | | | | | | |
| Easy | https://leetcode.com/problems/longest-common-prefix/ | | | | | | |
| Easy | https://leetcode.com/problems/valid-palindrome-ii/ | | | | | | |
| Medium | https://leetcode.com/problems/integer-to-roman/ | | | | | | |
| Medium | https://leetcode.com/problems/generate-parentheses/ | | | | | | |
| Medium | https://leetcode.com/problems/simplify-path/ | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/smallest-window-in-a-string-containing-all-the-characters-of-another-string-158711562/1/ | | | | | | |
| Medium | https://leetcode.com/problems/reverse-words-in-a-string/ | | | | | | |
| Medium | https://www.geeksforgeeks.org/rabin-karp-algorithm-for-pattern-searching/ | | | | | | |
| Medium | https://leetcode.com/problems/group-anagrams/ | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/word-wrap-1646/1 | | | | | | |
| Medium | https://leetcode.com/problems/basic-calculator-ii/ | | | | | | |
| Hard | https://leetcode.com/problems/valid-number/ | | | | | | |
| Hard | https://leetcode.com/problems/integer-to-english-words/ | | | | | | |
| Hard | https://leetcode.com/problems/minimum-window-substring/ | | | | | | |
| Hard | https://leetcode.com/problems/text-justification/ | | | | | | |
| Hard | https://www.geeksforgeeks.org/boyer-moore-algorithm-for-pattern-searching/ | | | | | | |
| Hard | https://leetcode.com/problems/distinct-subsequences/ | | | | | | |

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| Medium | https://leetcode.com/problems/copy-list-with-random-pointer/ | | | | | | | | |
| Medium | https://leetcode.com/problems/add-two-numbers-ii/ | | | | | | | | |
| Medium | https://leetcode.com/problems/reverse-linked-list-ii/ | | | | | | | | |
| Medium | https://leetcode.com/problems/reorder-list/ | | | | | | | | |
| Medium | https://leetcode.com/problems/remove-nth-node-from-end-of-list/ | | | | | | | | |
| Medium | https://leetcode.com/problems/flatten-a-multilevel-doubly-linked-list/ | | | | | | | | |
| Medium | https://leetcode.com/problems/partition-list/ | | | | | | | | |
| Medium | https://leetcode.com/problems/remove-duplicates-from-sorted-list-ii/ | | | | | | | | |
| Medium | https://www.geeksforgeeks.org/linked-list-ch-zig-zag-fashion/ | | | | | | | | |
| Medium | https://leetcode.com/problems/sort-list/ | | | | | | | | |
| Medium | https://www.geeksforgeeks.org/segregate-even-and-odd-elements-in-a-linked-list/ | | | | | | | | |
| Medium | https://www.geeksforgeeks.org/rearrange-a-given-linked-list-in-place/ | | | | | | | | |
| Hard | https://leetcode.com/problems/merge-k-sorted-lists/ | | | | | | | | |
| Hard | https://leetcode.com/problems/reverse-nodes-in-k-group/ | | | | | | | | |
| Hard | https://www.geeksforgeeks.org/merge-sort-for-linked-list/ | | | | | | | | |
| Hard | https://www.geeksforgeeks.org/maintaining-a-linked-list/ | | | | | | | | |
| Hard | https://www.geeksforgeeks.org/subtract-two-numbers-represented-as-linked-lists/ | | | | | | | | |
| Stacks and Queues | | | | | | | | | |
| Easy | https://leetcode.com/problems/implement-queue-using-stacks/ | | | | | | | | |
| Easy | https://leetcode.com/problems/backspace-string-compare/ | | | | | | | | |
| Easy | https://leetcode.com/problems/implement-stack-using-queues/ | | | | | | | | |
| Easy | https://www.geeksforgeeks.org/implement-stack-queue-using-deque/ | | | | | | | | |
| Easy | https://leetcode.com/problems/next-greater-element-ii/ | | | | | | | | |
| Easy | https://www.geeksforgeeks.org/stack-set-4-evaluation-postfix-expression/ | | | | | | | | |
| Easy | https://www.geeksforgeeks.org/implement-two-stacks-in-an-array/ | | | | | | | | |
| Easy | https://leetcode.com/problems/minimum-cost-tree-from-leaf-values/ | | | | | | | | |
| Medium | https://leetcode.com/problems/daily-temperatures/ | | | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/distance-of-nearest-cell-having-1-1587115620/1 | | | | | | | | |
| Medium | https://leetcode.com/problems/online-stock-span/ | | | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/rotten-oranges2536/1 | | | | | | | | |
| Medium | https://leetcode.com/problems/sum-of-subarray-minimums/ | | | | | | | | |
| Medium | https://leetcode.com/problems/evaluate-reverse-polish-notation/ | | | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/circular-tour1/ | | | | | | | | |
| Medium | https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string-ii/ | | | | | | | | |
| Medium | https://leetcode.com/problems/flatten-nested-list-iterator/ | | | | | | | | |
| Hard | https://www.geeksforgeeks.org/find-the-maximum-of-minimums-for-every-window-size-in-a-given-array/ | | | | | | | | |
| Hard | https://www.geeksforgeeks.org/lru-cache-implementation/ | | | | | | | | |
| Hard | http://geeksforgeeks.org/the-celebrity-problem/ | | | | | | | | |
| Trees | | | | | | | | | |
| Easy | https://leetcode.com/problems/diameter-of-binary-tree/ | | | | | | | | |
| Easy | https://leetcode.com/problems/invert-binary-tree/ | | | | | | | | |
| Easy | https://leetcode.com/problems/subtree-of-another-tree/ | | | | | | | | |
| Easy | https://leetcode.com/problems/range-sum-of-bst/ | | | | | | | | |
| Easy | https://leetcode.com/problems/symmetric-tree/ | | | | | | | | |
| Easy | https://leetcode.com/problems/convert-sorted-array-to-binary-search-tree/ | | | | | | | | |
| Easy | https://leetcode.com/problems/merge-two-binary-trees/ | | | | | | | | |
| Easy | https://leetcode.com/problems/maximum-depth-of-binary-tree/ | | | | | | | | |
| Easy | https://leetcode.com/problems/binary-tree-paths/ | | | | | | | | |
| Easy | https://leetcode.com/problems/same-tree/ | | | | | | | | |
| Easy | https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/ | | | | | | | | |
| Easy | https://leetcode.com/problems/path-sum/ | | | | | | | | |

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| Easy | https://leetcode.com/problems/minimum-absolute-difference-in-bst/ | | | | | | | | |
| Easy | https://leetcode.com/problems/sum-of-left-leaves/ | | | | | | | | |
| Easy | https://leetcode.com/problems/balanced-binary-tree/ | | | | | | | | |
| Easy | https://practice.geeksforgeeks.org/problems/predecessor-and-successor/1 | | | | | | | | |
| Easy | https://leetcode.com/problems/binary-tree-inorder-traversal/ | | | | | | | | |
| Easy | https://practice.geeksforgeeks.org/problems/check-whether-bst-contains-dead-end/1 | | | | | | | | |
| Medium | https://leetcode.com/problems/binary-search-tree-iterator/ | | | | | | | | |
| Medium | https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/ | | | | | | | | |
| Medium | https://leetcode.com/problems/unique-binary-search-trees-ii/ | | | | | | | | |
| Medium | https://leetcode.com/problems/all-nodes-distance-k-in-binary-tree/ | | | | | | | | |
| Medium | https://leetcode.com/problems/validate-binary-search-tree/ | | | | | | | | |
| Medium | https://leetcode.com/problems/binary-tree-right-side-view/ | | | | | | | | |
| Medium | https://leetcode.com/problems/binary-tree-level-order-traversal/ | | | | | | | | |
| Medium | https://leetcode.com/problems/path-sum-iii/ | | | | | | | | |
| Medium | https://leetcode.com/problems/construct-binary-tree-from-preorder-and-postorder-traversal/ | | | | | | | | |
| Medium | https://leetcode.com/problems/unique-binary-search-trees/ | | | | | | | | |
| Medium | https://leetcode.com/problems/recover-binary-search-tree/ | | | | | | | | |
| Medium | https://leetcode.com/problems/populating-next-right-pointers-in-each-node/ | | | | | | | | |
| Medium | https://leetcode.com/problems/flatten-binary-tree-to-linked-list/ | | | | | | | | |
| Medium | https://leetcode.com/problems/maximum-width-of-binary-tree/ | | | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/minimum-distance-between-two-given-nodes-of-a-binary-tree/1 | | | | | | | | |
| Medium | https://leetcode.com/problems/kth-smallest-element-in-a-bst/ | | | | | | | | |
| Medium | https://leetcode.com/problems/binary-tree-zigzag-level-order-traversal/ | | | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/count-bst-nodes-that-lie-in-a-given-range/1 | | | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/preorder-to-postorder/4423/1 | | | | | | | | |
| | https://leetcode.com/problems/binary-tree-maximum-path-sum/ | | | | | | | | |
| Hard | https://leetcode.com/problems/sum-of-distances-in-tree/ | | | | | | | | |
| Hard | https://leetcode.com/problems/binary-tree-camera-sol/ | | | | | | | | |
| Hard | https://leetcode.com/problems/vertical-order-traversal-of-a-binary-tree/ | | | | | | | | |
| Hard | https://www.geeksforgeeks.org/print-sum-paths-binary-tree/ | | | | | | | | |
| Hard | https://leetcode.com/problems/serialize-and-deserialize-binary-tree/ | | | | | | | | |
| Hard | https://www.geeksforgeeks.org/find-median-bst-time-o-1-space/ | | | | | | | | |
| Hard | https://www.geeksforgeeks.org/largest-bst-binary-tree-set-2/ | | | | | | | | |
| Hard | https://www.geeksforgeeks.org/construct-bst-from-given-preorder-traversal/ | | | | | | | | |
| GRAPHS | | | | | | | | | |
| Easy | https://practice.geeksforgeeks.org/problems/bfs-traversal-of-graph/1 | | | | | | | | |
| Easy | https://www.geeksforgeeks.org/depth-first-search-or-dfs-for-a-graph/ | | | | | | | | |
| Easy | https://leetcode.com/problems/number-of-islands/ | | | | | | | | |
| Easy | https://leetcode.com/problems/flood-fill/ | | | | | | | | |
| Easy | https://practice.geeksforgeeks.org/problems/rat-in-a-maze-problem/1 | | | | | | | | |
| Easy | https://practice.geeksforgeeks.org/problems/detect-cycle-in-an-undirected-graph/1 | | | | | | | | |
| Easy | https://www.geeksforgeeks.org/detect-cycle-in-a-graph/ | | | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/steps-by-knight5927/1 | | | | | | | | |
| Medium | https://leetcode.com/problems/decode-string/ | | | | | | | | |
| Medium | https://leetcode.com/problems/shortest-bridge/ | | | | | | | | |
| Medium | https://leetcode.com/problems/number-of-operations-to-make-network-connected/ | | | | | | | | |
| Medium | https://leetcode.com/problems/find-eventual-safe-states/ | | | | | | | | |
| Medium | https://practice.geeksforgeeks.org/problems/strongly-connected-components-kosarajus-algo/1 | | | | | | | | |
| Medium | https://leetcode.com/problems/time-needed-to-inform-all-employees/ | | | | | | | | |
| Medium | https://www.geeksforgeeks.org/graph-coloring-applications/#:-text=Graph%20coloring%20using%20using%20same%20color, | | | | | | | | |
| Medium | https://leetcode.com/problems/most-stones-removed-with-same-row-or-column/ | | | | | | | | |
| Medium | https://leetcode.com/problems/as-far-from-land-as-possible/ | | | | | | | | |

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| Hard | https://www.geeksforgeeks.org/find-maximum-number-possible-by-doing-at-most-k-swaps/ | | | | | | | |
| Hard | https://www.geeksforgeeks.org/partition-setk-subsets-equal-sum/ | | | | | | | |
| Hard | https://www.geeksforgeeks.org/tug-of-war/ | | | | | | 1 | |
| Hard | https://www.geeksforgeeks.org/find-paths-from-corner-cell-to-middle-cell-in-maze/ | | | | | | 1 | |
| Hard | https://www.geeksforgeeks.org/solving-cryptarithmic-puzzles-backtracking-8/ | | | | | | | |
| Hard | https://www.geeksforgeeks.org/print-palindromic-partitions-string/ | | | | | | 1 | 1 |
| | | | | | | | | |
| | Segment Tree | | | | | | | |
| Medium/Hard | https://leetcode.com/problems/range-sum-query-immutable/ | | | | | | | |
| Medium/Hard | https://leetcode.com/problems/range-sum-query-mutable/ | | | | | | | |
| Medium/Hard | https://leetcode.com/problems/count-of-smaller-numbers-after-self/ | | | | | 1 | | 1 |
| Medium/Hard | https://leetcode.com/problems/count-of-range-sum/ | | | | | | | |