

DSA LIST

Arrays

- <https://leetcode.com/problems/two-sum/>
- <https://leetcode.com/problems/3sum/>
- <https://leetcode.com/problems/contains-duplicate>
- <https://leetcode.com/problems/merge-intervals/>
- <https://leetcode.com/problems/kth-largest-element-in-an-array/>
- <https://leetcode.com/problems/maximum-subarray/>
- <https://leetcode.com/problems/maximum-product-subarray/>
- <https://leetcode.com/problems/best-time-to-buy-and-sell-stock>
- <https://leetcode.com/problems/container-with-most-water/>
- <https://leetcode.com/problems/trapping-rain-water/>
- <https://leetcode.com/problems/subarray-sum-equals-k>
- <https://leetcode.com/problems/minimum-size-subarray-sum/>
- <https://leetcode.com/problems/median-of-two-sorted-arrays>
- <https://leetcode.com/problems/sort-colors/>
- <https://leetcode.com/problems/majority-element/>
- <https://leetcode.com/problems/longest-consecutive-sequence>
- <https://leetcode.com/problems/longest-substring-without-repeating-characters>
- <https://leetcode.com/problems/minimum-window-substring>
- <https://leetcode.com/problems/permutation-in-string/>

2D Arrays

- <https://leetcode.com/problems/search-a-2d-matrix/>
- <https://leetcode.com/problems/rotate-image/>
- <https://leetcode.com/problems/set-matrix-zeroes/>
- <https://leetcode.com/problems/valid-sudoku>

Stack and Queues

- <https://leetcode.com/problems/implement-queue-using-stacks>
- <https://leetcode.com/problems/implement-stack-using-queues>
- <https://leetcode.com/problems/valid-parentheses>
- <https://leetcode.com/problems/daily-temperatures/>
- <https://leetcode.com/problems/implement-queue-using-stacks>
- <https://leetcode.com/problems/longest-valid-parentheses>
- <https://leetcode.com/problems/largest-rectangle-in-histogram>
- <https://leetcode.com/problems/maximal-rectangle>
- <https://leetcode.com/problems/min-stack/>
- <https://leetcode.com/problems/trapping-rain-water>
- <https://leetcode.com/problems/remove-k-digits>
- <https://leetcode.com/problems/sliding-window-maximum/>

String

- <https://leetcode.com/problems/longest-palindromic-substring/>
- <https://leetcode.com/problems/longest-substring-without-repeating-characters/>
- <https://leetcode.com/problems/longest-common-prefix/>
- <https://leetcode.com/problems/minimum-window-substring/>
- <https://leetcode.com/problems/valid-anagram/>
- <https://leetcode.com/problems/regular-expression-matching/>
- <https://leetcode.com/problems/largest-number/>

Greedy

- <https://leetcode.com/problems/minimum-number-of-arrows-to-burst-balloons>
- <https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/>
- <https://leetcode.com/problems/jump-game-ii/>
- <https://leetcode.com/problems/candy/>

Recursion and Backtracking

- <https://leetcode.com/problems/combination-sum/>
- <https://leetcode.com/problems/combination-sum-ii/>
- <https://leetcode.com/problems/letter-combinations-of-a-phone-number/>
- <https://leetcode.com/problems/generate-parentheses/>
- <https://leetcode.com/problems/sudoku-solver>
- <https://leetcode.com/problems/permutations/>
- <https://leetcode.com/problems/permutations-ii/>
- <https://leetcode.com/problems/n-queens/>
- <https://leetcode.com/problems/n-queens-ii/>
- <https://leetcode.com/problems/subsets>
- <https://leetcode.com/problems/next-permutation>
- <https://leetcode.com/problems/permutation-sequence/>
- <https://leetcode.com/problems/combinations/>

Linked List

- <https://leetcode.com/problems/reverse-linked-list> (Both Iterative / Recursive)
- <https://leetcode.com/problems/reverse-nodes-in-k-group>
- <https://leetcode.com/problems/linked-list-cycle/>
- <https://leetcode.com/problems/merge-two-sorted-lists>
- <https://leetcode.com/problems/merge-k-sorted-lists>
- <https://leetcode.com/problems/linked-list-cycle/>
- <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/intersection-of-two-linked-lists/>
- <https://leetcode.com/problems/sort-list/>
- <https://leetcode.com/problems/copy-list-with-random-pointer/>

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

Heap

- <https://leetcode.com/problems/kth-largest-element-in-an-array>
- <https://leetcode.com/problems/find-median-from-data-stream>
- <https://leetcode.com/problems/top-k-frequent-elements>
- <https://leetcode.com/problems/top-k-frequent-words>
- <https://leetcode.com/problems/k-closest-points-to-origin/>

Binary Trees

- <https://leetcode.com/problems/binary-tree-inorder-traversal/>
- <https://leetcode.com/problems/binary-tree-level-order-traversal/>
- <https://leetcode.com/problems/diameter-of-binary-tree>
- <https://leetcode.com/problems/maximum-depth-of-binary-tree>
- <https://leetcode.com/problems/invert-binary-tree/>
- <https://leetcode.com/problems/same-tree/>
- <https://leetcode.com/problems/binary-tree-right-side-view/>
- <https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/>
- <https://leetcode.com/problems/flatten-binary-tree-to-linked-list/>
- <https://leetcode.com/problems/path-sum-iii/>
- <https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/>
- <https://leetcode.com/problems/all-nodes-distance-k-in-binary-tree/>
- <https://leetcode.com/problems/serialize-and-deserialize-binary-tree>

Binary Search Trees

- <https://leetcode.com/problems/delete-node-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/convert-sorted-array-to-binary-search-tree>
- <https://leetcode.com/problems/kth-smallest-element-in-a-bst/>

Trie

- <https://leetcode.com/problems/implement-trie-prefix-tree/>
- <https://leetcode.com/problems/design-add-and-search-words-data-structure/>

Dynamic Programming

- <https://leetcode.com/problems/coin-change/>
- <https://leetcode.com/problems/target-sum/>
- <https://leetcode.com/problems/climbing-stairs>

- <https://leetcode.com/problems/maximum-subarray>
- <https://leetcode.com/problems/edit-distance/>
- <https://leetcode.com/problems/partition-equal-subset-sum/>
- <https://leetcode.com/problems/word-break>
- <https://leetcode.com/problems/word-break-ii/>
- <https://leetcode.com/problems/combination-sum-iv>
- <https://leetcode.com/problems/maximum-profit-in-job-scheduling/>
- <https://leetcode.com/problems/minimum-cost-to-cut-a-stick/>
- <https://leetcode.com/problems/house-robber/>
- <https://leetcode.com/problems/longest-increasing-subsequence>
- <https://leetcode.com/problems/partition-equal-subset-sum/>
- <https://leetcode.com/problems/decode-ways/>
- <https://leetcode.com/problems/maximal-square/>
- <https://leetcode.com/problems/jump-game>

Graph

- <https://leetcode.com/problems/flood-fill>
- <https://leetcode.com/problems/clone-graph/>
- <https://leetcode.com/problems/number-of-islands/>
- <https://leetcode.com/problems/rotting-oranges>
- <https://leetcode.com/problems/word-search/>
- <https://leetcode.com/problems/course-schedule>
- <https://leetcode.com/problems/course-schedule-ii>
- <https://leetcode.com/problems/possible-bipartition/>
- <https://leetcode.com/problems/cheapest-flights-within-k-stops/>
- <https://leetcode.com/problems/bus-routes/>
- <https://leetcode.com/problems/word-search-ii/>
- <https://leetcode.com/problems/water-and-jug-problem/>

Bits

- <https://leetcode.com/problems/single-number/>
- <https://leetcode.com/problems/single-number-ii/>
- <https://leetcode.com/problems/number-of-1-bits/>
- <https://leetcode.com/problems/bitwise-and-of-numbers-range/>
- <https://leetcode.com/problems/counting-bits>
- <https://leetcode.com/problems/hamming-distance/>
- <https://leetcode.com/problems/power-of-two/>
- <https://leetcode.com/problems/reverse-bits/>