Easy Level

 [Binary representation of a given number](http://www.geeksforgeeks.org/binary-representation-of-a-given-number/)

 [Find max in struct array](http://www.geeksforgeeks.org/find-max-struct-array/)

 [Find if two rectangles overlap](http://www.geeksforgeeks.org/find-two-rectangles-overlap/)

 [Calculate the difficulty of a sentence](http://www.geeksforgeeks.org/calculate-difficulty-sentence/)

 [Check if a linked list is Circular Linked List](http://www.geeksforgeeks.org/check-if-a-linked-list-is-circular-linked-list/)

 [Converting Decimal Number lying between 1 to 3999 to Roman Numerals](http://www.geeksforgeeks.org/converting-decimal-number-lying-between-1-to-3999-to-roman-numerals/)

 [Count distinct elements in every window of size k](http://www.geeksforgeeks.org/count-distinct-elements-in-every-window-of-size-k/)

 [Count all possible paths from top left to bottom right of a mXn matrix](http://www.geeksforgeeks.org/count-possible-paths-top-left-bottom-right-nxm-matrix/)

 [Evaluate a boolean expression represented as string](http://www.geeksforgeeks.org/evaluate-a-boolean-expression-represented-as-string/)

 [Find common elements in three sorted arrays](http://www.geeksforgeeks.org/find-common-elements-three-sorted-arrays/)

 [Find the number closest to n and divisible by m](http://www.geeksforgeeks.org/find-number-closest-n-divisible-m/)

 [Find position of the only set bit](http://www.geeksforgeeks.org/find-position-of-the-only-set-bit/)

 [Find the Missing Number](http://www.geeksforgeeks.org/find-the-missing-number/)

 [Inplace rotate square matrix by 90 degrees | Set 1](http://www.geeksforgeeks.org/inplace-rotate-square-matrix-by-90-degrees/)

 [k largest(or smallest) elements in an array | added Min Heap method](http://www.geeksforgeeks.org/k-largestor-smallest-elements-in-an-array/)

 [Level Order Tree Traversal](http://www.geeksforgeeks.org/level-order-tree-traversal/)

 [Merge Sort](http://www.geeksforgeeks.org/merge-sort/)

 [Run Length Encoding](http://www.geeksforgeeks.org/run-length-encoding/)

 [Sort all even numbers in ascending order and then sort all odd numbers in descending order](http://www.geeksforgeeks.org/sort-even-numbers-ascending-order-sort-odd-numbers-descending-order/)

 [Square root of an integer](http://www.geeksforgeeks.org/square-root-of-an-integer/)

 [Stack Data Structure (Introduction and Program)](http://www.geeksforgeeks.org/stack-data-structure-introduction-program/)

 [URLify a given string (Replace spaces is %20)](http://www.geeksforgeeks.org/urlify-given-string-replace-spaces/)

 [Find the middle of a given linked list in C and Java](http://www.geeksforgeeks.org/write-a-c-function-to-print-the-middle-of-the-linked-list/)

 [Write an Efficient Function to Convert a Binary Tree into its Mirror Tree](http://www.geeksforgeeks.org/write-an-efficient-c-function-to-convert-a-tree-into-its-mirror-tree/)

 [Write one line C function to find whether a no is power of two](http://www.geeksforgeeks.org/write-one-line-c-function-to-find-whether-a-no-is-power-of-two/)

 [Write your own atoi()](http://www.geeksforgeeks.org/write-your-own-atoi/)

 [Add two numbers represented by linked lists | Set 1](http://www.geeksforgeeks.org/add-two-numbers-represented-by-linked-lists/)

 [Anagram Substring Search (Or Search for all permutations)](http://www.geeksforgeeks.org/anagram-substring-search-search-permutations/)

 [Binary Search Tree | Set 1 (Search and Insertion)](http://www.geeksforgeeks.org/binary-search-tree-set-1-search-and-insertion/)

 [Boundary Traversal of binary tree](http://www.geeksforgeeks.org/boundary-traversal-of-binary-tree/)

 [Breadth First Traversal or BFS for a Graph](http://www.geeksforgeeks.org/breadth-first-traversal-for-a-graph/)

 [Check if binary representation of a number is palindrome](http://www.geeksforgeeks.org/check-binary-representation-number-palindrome/)

 [Construct Tree from given Inorder and Preorder traversals](http://www.geeksforgeeks.org/construct-tree-from-given-inorder-and-preorder-traversal/)

 [Convert a given tree to its Sum Tree](http://www.geeksforgeeks.org/convert-a-given-tree-to-sum-tree/)

 [Converting Roman Numerals to Decimal lying between 1 to 3999](http://www.geeksforgeeks.org/converting-roman-numerals-decimal-lying-1-3999/)

 [Count Inversions in an array | Set 1 (Using Merge Sort)](http://www.geeksforgeeks.org/counting-inversions/)

 [Delete middle of linked list](http://www.geeksforgeeks.org/delete-middle-of-linked-list/)

 [Design a stack that supports getMin() in O(1) time and O(1) extra space](http://www.geeksforgeeks.org/design-a-stack-that-supports-getmin-in-o1-time-and-o1-extra-space/)

 [Diameter of a Binary Tree](http://www.geeksforgeeks.org/diameter-of-a-binary-tree/)

 [Dynamic Programming | Set 10 ( 0-1 Knapsack Problem)](http://www.geeksforgeeks.org/dynamic-programming-set-10-0-1-knapsack-problem/)

 [Dynamic Programming | Set 15 (Longest Bitonic Subsequence)](http://www.geeksforgeeks.org/dynamic-programming-set-15-longest-bitonic-subsequence/)

 [Find all strings that match specific pattern in a dictionary](http://www.geeksforgeeks.org/find-all-strings-that-match-specific-pattern-in-a-dictionary/)

 [Find Excel column name from a given column number](http://www.geeksforgeeks.org/find-excel-column-name-given-number/)

 [Find the minimum element in a sorted and rotated array](http://www.geeksforgeeks.org/find-minimum-element-in-a-sorted-and-rotated-array/)

 [Find next greater number with same set of digits](http://www.geeksforgeeks.org/find-next-greater-number-set-digits/)

 [Find N'th item in a set formed by sum of two arrays](http://www.geeksforgeeks.org/find-nth-item-set-formed-sum-two-arrays/)

 [Find the element that appears once](http://www.geeksforgeeks.org/find-the-element-that-appears-once/)

 [Find the row with maximum number of 1s](http://www.geeksforgeeks.org/find-the-row-with-maximum-number-1s/)

 [Find the two non-repeating elements in an array of repeating elements](http://www.geeksforgeeks.org/find-two-non-repeating-elements-in-an-array-of-repeating-elements/)

 [Function to check if a singly linked list is palindrome](http://www.geeksforgeeks.org/function-to-check-if-a-singly-linked-list-is-palindrome/)

 [Generate n-bit Gray Codes](http://www.geeksforgeeks.org/given-a-number-n-generate-bit-patterns-from-0-to-2n-1-so-that-successive-patterns-differ-by-one-bit/)

 [Given only a pointer/reference to a node to be deleted in a singly lin](http://www.geeksforgeeks.org/given-only-a-pointer-to-a-node-to-be-deleted-in-a-singly-linked-list-how-do-you-delete-it/)

 [How to determine if a binary tree is height-balanced?](http://www.geeksforgeeks.org/how-to-determine-if-a-binary-tree-is-balanced/)

 [Intersection of two Sorted Linked Lists](http://www.geeksforgeeks.org/intersection-of-two-sorted-linked-lists/)

 [Length of the longest substring without repeating characters](http://www.geeksforgeeks.org/length-of-the-longest-substring-without-repeating-characters/)

 [Level order traversal in spiral form](http://www.geeksforgeeks.org/level-order-traversal-in-spiral-form/)

 [Lowest Common Ancestor in a Binary Tree | Set 1](http://www.geeksforgeeks.org/lowest-common-ancestor-binary-tree-set-1/)

 [Lowest Common Ancestor in a Binary Search Tree.](http://www.geeksforgeeks.org/lowest-common-ancestor-in-a-binary-search-tree/)

 [Majority Element](http://www.geeksforgeeks.org/majority-element/)

 [Maximum Product Subarray](http://www.geeksforgeeks.org/maximum-product-subarray/)

 [Maximum width of a binary tree](http://www.geeksforgeeks.org/maximum-width-of-a-binary-tree/)

 [Merge two sorted linked lists such that merged list is in reverse order](http://www.geeksforgeeks.org/merge-two-sorted-linked-lists-such-that-merged-list-is-in-reverse-order/)

 [Merge two sorted linked lists](http://www.geeksforgeeks.org/merge-two-sorted-linked-lists/)

 [Microsoft Interview experience | Set 100 (On Campus for Internship on IDC and IT)](http://www.geeksforgeeks.org/microsoft-interview-experience-set-99-on-campus-for-internship-on-idc-and-it/)

 [Minimum time required to rot all oranges](http://www.geeksforgeeks.org/minimum-time-required-so-that-all-oranges-become-rotten/)

 [Mobile Numeric Keypad Problem](http://www.geeksforgeeks.org/mobile-numeric-keypad-problem/)

 [Number of buildings facing the sun](http://www.geeksforgeeks.org/number-buildings-facing-sun/)

 [Pairwise swap elements of a given linked list](http://www.geeksforgeeks.org/pairwise-swap-elements-of-a-given-linked-list/)

 [Print a given matrix in spiral form](http://www.geeksforgeeks.org/print-a-given-matrix-in-spiral-form/)

 [Print a pattern without using any loop](http://www.geeksforgeeks.org/print-a-pattern-without-using-any-loop/)

 [Print all Jumping Numbers smaller than or equal to a given value](http://www.geeksforgeeks.org/print-all-jumping-numbers-smaller-than-or-equal-to-a-given-value/)

 [Print all subarrays with 0 sum](http://www.geeksforgeeks.org/print-all-subarrays-with-0-sum/)

 [Print BST keys in the given range](http://www.geeksforgeeks.org/print-bst-keys-in-the-given-range/)

 [Print the string by ignoring alternate occurrences of any character](http://www.geeksforgeeks.org/print-string-ignoring-alternate-occurrences-character/)

 [Program to add two binary strings](http://www.geeksforgeeks.org/program-to-add-two-binary-strings/)

 [Program to validate an IP address](http://www.geeksforgeeks.org/program-to-validate-an-ip-address/)

 [Implement Queue using Stacks](http://www.geeksforgeeks.org/queue-using-stacks/)

 [Remove all duplicates from a given string](http://www.geeksforgeeks.org/remove-all-duplicates-from-the-input-string/)

 [Remove every k-th node of the linked list](http://www.geeksforgeeks.org/remove-every-k-th-node-linked-list/)

 [Reverse Level Order Traversal](http://www.geeksforgeeks.org/reverse-level-order-traversal/)

 [Reverse words in a given string](http://www.geeksforgeeks.org/reverse-words-in-a-given-string/)

 [Root to leaf path sum equal to a given number](http://www.geeksforgeeks.org/root-to-leaf-path-sum-equal-to-a-given-number/)

 [Search a Word in a 2D Grid of characters](http://www.geeksforgeeks.org/search-a-word-in-a-2d-grid-of-characters/)

 [Search an element in a sorted and rotated array](http://www.geeksforgeeks.org/search-an-element-in-a-sorted-and-pivoted-array/)

 [Sort a linked list of 0s, 1s and 2s](http://www.geeksforgeeks.org/sort-a-linked-list-of-0s-1s-or-2s/)

 [Sort an array of 0s, 1s and 2s](http://www.geeksforgeeks.org/sort-an-array-of-0s-1s-and-2s/)

 [Sorted insert for circular linked list](http://www.geeksforgeeks.org/sorted-insert-for-circular-linked-list/)

 [Stock Buy Sell to Maximize Profit](http://www.geeksforgeeks.org/stock-buy-sell/)

 [The Celebrity Problem](http://www.geeksforgeeks.org/the-celebrity-problem/)

 [Tree Isomorphism Problem](http://www.geeksforgeeks.org/tree-isomorphism-problem/)

 [Two elements whose sum is closest to zero](http://www.geeksforgeeks.org/two-elements-whose-sum-is-closest-to-zero/)

 [Union and Intersection of two Linked Lists](http://www.geeksforgeeks.org/union-and-intersection-of-two-linked-lists/)

 [Given an a](http://www.geeksforgeeks.org/write-a-c-program-that-given-a-set-a-of-n-numbers-and-another-number-x-determines-whether-or-not-there-exist-two-elements-in-s-whose-sum-is-exactly-x/)

 [Write a function to reverse a linked list](http://www.geeksforgeeks.org/write-a-function-to-reverse-the-nodes-of-a-linked-list/)

 [Write Code to Determine if Two Trees are Identical](http://www.geeksforgeeks.org/write-c-code-to-determine-if-two-trees-are-identical/)

Medium Level

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 [Boggle | Set 2 (Using Trie)](http://www.geeksforgeeks.org/boggle-set-2-using-trie/) Graph

 [Check if a binary tree is subtree of another binary tree | Set 2](http://www.geeksforgeeks.org/check-binary-tree-subtree-another-binary-tree-set-2/) KMP

 [Dynamic Programming | Set 33 (Find if a string is interleaved of two other stri](http://www.geeksforgeeks.org/check-whether-a-given-string-is-an-interleaving-of-two-other-given-strings-set-2/)

 [Clone a linked list with next and random pointer | Set 2](http://www.geeksforgeeks.org/clone-linked-list-next-arbit-pointer-set-2/)

 [Combinational Sum](http://www.geeksforgeeks.org/combinational-sum/)

 [Construct Binary Tree from given Parent Array representation](http://www.geeksforgeeks.org/construct-a-binary-tree-from-parent-array-representation/)

 [Program to convert a given number to words](http://www.geeksforgeeks.org/convert-number-to-words/)

 [Count number of binary strings without consecutive 1's](http://www.geeksforgeeks.org/count-number-binary-strings-without-consecutive-1s/)

 [Detect and Remove Loop in a Linked List](http://www.geeksforgeeks.org/detect-and-remove-loop-in-a-linked-list/)

 [Detect Cycle in a Directed Graph](http://www.geeksforgeeks.org/detect-cycle-in-a-graph/)

 [Dynamic Programming | Set 22 (Box Stacking Problem)](http://www.geeksforgeeks.org/dynamic-programming-set-21-box-stacking-problem/)

 [Dynamic Programming | Set 8 (Matrix Chain Multiplication)](http://www.geeksforgeeks.org/dynamic-programming-set-8-matrix-chain-multiplication/)

 [Factorial of a large number](http://www.geeksforgeeks.org/factorial-large-number/)

 [Find the first circular tour that visits all petrol pumps](http://www.geeksforgeeks.org/find-a-tour-that-visits-all-stations/)

 [Find all distinct subsets of a given set](http://www.geeksforgeeks.org/find-distinct-subsets-given-set/)

 [Find Excel column name from a given column number](http://www.geeksforgeeks.org/find-excel-column-name-given-number/)

 [Find the first non-repeating character from a stream of characters](http://www.geeksforgeeks.org/find-first-non-repeating-character-stream-characters/)

 [Find four elements that sum to a given value | Set 2 ( O(n^2Logn) Solution)](http://www.geeksforgeeks.org/find-four-elements-that-sum-to-a-given-value-set-2/)

 [Find next greater number with same set of digits](http://www.geeksforgeeks.org/find-next-greater-number-set-digits/)

 [Find the number of islands | Set 1 (Using DFS)](http://www.geeksforgeeks.org/find-number-of-islands/)

 [Flattening a Linked List](http://www.geeksforgeeks.org/flattening-a-linked-list/)

 [How to design a tiny URL or URL shortener?](http://www.geeksforgeeks.org/how-to-design-a-tiny-url-or-url-shortener/)

 [Largest Rectangular Area in a Histogram | Set 2](http://www.geeksforgeeks.org/largest-rectangle-under-histogram/)

 [Length of longest palindrome list in a linked list using O(1) extra space](http://www.geeksforgeeks.org/length-longest-palindrome-list-linked-list-using-o1-extra-space/)

 [Dynamic Programming | Set 29 (Longest Common Substring)](http://www.geeksforgeeks.org/longest-common-substring/)

 [Longest Even Length Substring such that Sum of First and Second Half is same](http://www.geeksforgeeks.org/longest-even-length-substring-sum-first-second-half/)

 [Maximum size rectangle binary sub-matrix with all 1s](http://www.geeksforgeeks.org/maximum-size-rectangle-binary-sub-matrix-1s/)

 [Merge k sorted arrays | Set 1](http://www.geeksforgeeks.org/merge-k-sorted-arrays/)

 [Merge two BSTs with limited extra space](http://www.geeksforgeeks.org/merge-two-bsts-with-limited-extra-space/)

 [Minimum steps to reach a destination](http://www.geeksforgeeks.org/minimum-steps-to-reach-a-destination/)

 [Multiply Large Numbers represented as Strings](http://www.geeksforgeeks.org/multiply-large-numbers-represented-as-strings/)

 [Placements | QA | Progressions](http://www.geeksforgeeks.org/placements-qa-progressions/)

 [Print all nodes that are at distance k from a leaf node](http://www.geeksforgeeks.org/print-nodes-distance-k-leaf-node/)

 [Printing brackets in Matrix Chain Multiplication Problem](http://www.geeksforgeeks.org/printing-brackets-matrix-chain-multiplication-problem/)

 [Reverse a Linked List in groups of given size](http://www.geeksforgeeks.org/reverse-a-list-in-groups-of-given-size/)

 [Sort an array according to the order defined by another array](http://www.geeksforgeeks.org/sort-array-according-order-defined-another-array/)

 [Topological Sorting](http://www.geeksforgeeks.org/topological-sorting/)

 [Trapping Rain Water](http://www.geeksforgeeks.org/trapping-rain-water/)

 [Validity of a given Tic-Tac-Toe board configuration](http://www.geeksforgeeks.org/validity-of-a-given-tic-tac-toe-board-configuration/)

 [Given an a](http://www.geeksforgeeks.org/write-a-c-program-that-given-a-set-a-of-n-numbers-and-another-number-x-determines-whether-or-not-there-exist-two-elements-in-s-whose-sum-is-exactly-x/)

 [Write a function to get the intersection point of two Linked Lists.](http://www.geeksforgeeks.org/write-a-function-to-get-the-intersection-point-of-two-linked-lists/)

 [Write an Efficient Method to Check if a Number is Multiple of 3](http://www.geeksforgeeks.org/write-an-efficient-method-to-check-if-a-number-is-multiple-of-3/)

Hard Level

 [Backtracking | Set 7 (Sudoku)](http://www.geeksforgeeks.org/backtracking-set-7-suduku/)

 [Dynamic Programming | Set 37 (Boolean Parenthesization Problem)](http://www.geeksforgeeks.org/dynamic-programming-set-37-boolean-parenthesization-problem/)

 [Find Recurring Sequence in a Fraction](http://www.geeksforgeeks.org/find-recurring-sequence-fraction/)

 [Two nodes of a BST are swapped, correct the BST](http://www.geeksforgeeks.org/fix-two-swapped-nodes-of-bst/)

 [Implement a Phone Directory](http://www.geeksforgeeks.org/implement-a-phone-directory/)

 [Implement LRU Cache](http://www.geeksforgeeks.org/implement-lru-cache/)

 [Manacher's Algorithm - Linear Time Longest Palindromic Substring - Part 1](http://www.geeksforgeeks.org/manachers-algorithm-linear-time-longest-palindromic-substring-part-1/)

 [Median in a stream of integers (running integers)](http://www.geeksforgeeks.org/median-of-stream-of-integers-running-integers/)

 [Travelling Salesman Problem | Set 1 (Naive and Dynamic Programming)](http://www.geeksforgeeks.org/travelling-salesman-problem-set-1/)