* + - * + Easy Level
* + [How to check if given four points form a square](http://www.geeksforgeeks.org/check-given-four-points-form-square/)
  + [Check if a string can be obtained by rotating another string 2 places](http://www.geeksforgeeks.org/check-string-can-obtained-rotating-another-string-2-places/)
  + [Find the nearest smaller numbers on left side in an array](http://www.geeksforgeeks.org/find-the-nearest-smaller-numbers-on-left-side-in-an-array/)
  + [Find if two rectangles overlap](http://www.geeksforgeeks.org/find-two-rectangles-overlap/)
  + [Pair with given product | Set 1 (Find if any pair exists)](http://www.geeksforgeeks.org/pair-with-given-product-set-1-find-if-any-pair-exists/)
  + [Position of rightmost set bit](http://www.geeksforgeeks.org/position-of-rightmost-set-bit/)
  + [Print all possible strings that can be made by placing spaces](http://www.geeksforgeeks.org/print-possible-strings-can-made-placing-spaces/)
  + [Replace all ‘0’ with ‘5’ in an input Integer](http://www.geeksforgeeks.org/replace-0-5-input-integer/)
  + [A Boolean Matrix Question](http://www.geeksforgeeks.org/a-boolean-matrix-question/)
  + [Amazon Interview Experience | Set 315](http://www.geeksforgeeks.org/amazon-interview-experience-set-315/)
  + [Array Rotation](http://www.geeksforgeeks.org/array-rotation/)
  + [Program for array rotation](http://www.geeksforgeeks.org/array-rotation/)
  + [Build Lowest Number by Removing n digits from a given number](http://www.geeksforgeeks.org/build-lowest-number-by-removing-n-digits-from-a-given-number/)
  + [Calculate the angle between hour hand and minute hand](http://www.geeksforgeeks.org/calculate-angle-hour-hand-minute-hand/)
  + [Check if all bits of a number are set](http://www.geeksforgeeks.org/check-bits-number-set/)
  + [Check if a given Binary Tree is SumTree](http://www.geeksforgeeks.org/check-if-a-given-binary-tree-is-sumtree/)
  + [Check if a number can be expressed as x^y (x raised to power y)](http://www.geeksforgeeks.org/check-if-a-number-can-be-expressed-as-xy-x-raised-to-power-y/)
  + [Check if two trees are Mirror](http://www.geeksforgeeks.org/check-if-two-trees-are-mirror/)
  + [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 'd' digit positive integers with 0 as a digit](http://www.geeksforgeeks.org/count-d-digit-positive-integers-with-0-as-a-digit/)
  + [Count number of bits to be flipped to convert A to B](http://www.geeksforgeeks.org/count-number-of-bits-to-be-flipped-to-convert-a-to-b/)
  + [Count number of occurrences (or frequency) in a sorted array](http://www.geeksforgeeks.org/count-number-of-occurrences-or-frequency-in-a-sorted-array/)
  + [Count all possible groups of size 2 or 3 that have sum as multiple of 3](http://www.geeksforgeeks.org/count-possible-groups-size-2-3-sum-multiple-3/)
  + [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/)
  + [Count total set bits in all numbers from 1 to n](http://www.geeksforgeeks.org/count-total-set-bits-in-all-numbers-from-1-to-n/)
  + [Count triplets with sum smaller than a given value](http://www.geeksforgeeks.org/count-triplets-with-sum-smaller-that-a-given-value/)
  + [Count words that appear exactly two times in an array of words](http://www.geeksforgeeks.org/count-words-appear-exactly-two-times-array-words/)
  + [Dynamic Programming | Set 30 (Dice Throw)](http://www.geeksforgeeks.org/dice-throw-problem/)
  + [Equilibrium index of an array](http://www.geeksforgeeks.org/equilibrium-index-of-an-array/)
  + [Fill array with 1's using minimum iterations of filling neighbors](http://www.geeksforgeeks.org/fill-array-1s-minimum-iterations-filling-neighbors/)
  + [Find a Fixed Point (Value equal to index) in a given array](http://www.geeksforgeeks.org/find-a-fixed-point-in-a-given-array/)
  + [Find first and last occurrences of an element in a sorted array](http://www.geeksforgeeks.org/find-first-last-occurrences-element-sorted-array/)
  + [Find four elements that sum to a given value | Set 1 (n^3 solution)](http://www.geeksforgeeks.org/find-four-numbers-with-sum-equal-to-given-sum/)
  + [Find the index of first 1 in a sorted array of 0's and 1's](http://www.geeksforgeeks.org/find-index-first-1-sorted-array-0s-1s/)
  + [Find minimum difference between any two elements](http://www.geeksforgeeks.org/find-minimum-difference-pair/)
  + [Count the number of possible triangles](http://www.geeksforgeeks.org/find-number-of-triangles-possible/)
  + [Find the Missing Number](http://www.geeksforgeeks.org/find-the-missing-number/)
  + [Find the Number Occurring Odd Number of Times](http://www.geeksforgeeks.org/find-the-number-occurring-odd-number-of-times/)
  + [Find two prime numbers with given sum](http://www.geeksforgeeks.org/find-two-prime-numbers-with-given-sum/)
  + [Find uncommon characters of the two strings](http://www.geeksforgeeks.org/find-uncommon-characters-two-strings/)
  + [Given a binary tree, print all root-to-leaf paths](http://www.geeksforgeeks.org/given-a-binary-tree-print-all-root-to-leaf-paths/)
  + [An Interesting Method to Generate Binary Numbers from 1 to n](http://www.geeksforgeeks.org/interesting-method-generate-binary-numbers-1-n/)
  + [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/)
  + [Maximum sum such that no two elements are adjacent](http://www.geeksforgeeks.org/maximum-sum-such-that-no-two-elements-are-adjacent/)
  + [Mobile Numeric Keypad Problem](http://www.geeksforgeeks.org/mobile-numeric-keypad-problem/)
  + [Numbers having Unique (or Distinct) digits](http://www.geeksforgeeks.org/numbers-unique-distinct-digits/)
  + [Position of rightmost set bit](http://www.geeksforgeeks.org/position-of-rightmost-set-bit/)
  + [Print all nodes that don't have sibling](http://www.geeksforgeeks.org/print-nodes-dont-sibling-binary-tree/)
  + [Queue | Set 2 (Linked List Implementation)](http://www.geeksforgeeks.org/queue-set-2-linked-list-implementation/)
  + [Rearrange positive and negative numbers in O(n) time and O(1) extra space](http://www.geeksforgeeks.org/rearrange-positive-and-negative-numbers-publish/)
  + [Remove characters from the first string which are present in the second string](http://www.geeksforgeeks.org/remove-characters-from-the-first-string-which-are-present-in-the-second-string/)
  + [Remove minimum number of characters so that two strings become anagram](http://www.geeksforgeeks.org/remove-minimum-number-characters-two-strings-become-anagram/)
  + [Replace all ‘0’ with ‘5’ in an input Integer](http://www.geeksforgeeks.org/replace-0-5-input-integer/)
  + [Find a pair with maximum product in array of Integers](http://www.geeksforgeeks.org/return-a-pair-with-maximum-product-in-array-of-integers/)
  + [Reverse an array upto a given position](http://www.geeksforgeeks.org/reverse-an-array-upto-a-given-position/)
  + [Run Length Encoding](http://www.geeksforgeeks.org/run-length-encoding/)
  + [Square root of an integer](http://www.geeksforgeeks.org/square-root-of-an-integer/)
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  + [Type of array and its maximum element](http://www.geeksforgeeks.org/type-array-maximum-element/)
  + [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 a Program to Find the Maximum Depth or Height of a Tree](http://www.geeksforgeeks.org/write-a-c-program-to-find-the-maximum-depth-or-height-of-a-tree/)
  + [Write a program to print all permutations of a given string](http://www.geeksforgeeks.org/write-a-c-program-to-print-all-permutations-of-a-given-string/)
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  + [Add two numbers represented by linked lists | Set 1](http://www.geeksforgeeks.org/add-two-numbers-represented-by-linked-lists/)
  + [Backtracking | Set 1 (The Knight's tour problem)](http://www.geeksforgeeks.org/backtracking-set-1-the-knights-tour-problem/)
  + [Binary Search Tree | Set 1 (Search and Insertion)](http://www.geeksforgeeks.org/binary-search-tree-set-1-search-and-insertion/)
  + [Binary Tree to Binary Search Tree Conversion](http://www.geeksforgeeks.org/binary-tree-to-binary-search-tree-conversion/)
  + [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 for balanced parentheses in an expression](http://www.geeksforgeeks.org/check-for-balanced-parentheses-in-an-expression/)
  + [Check if a given array contains duplicate elements within k distance from each other](http://www.geeksforgeeks.org/check-given-array-contains-duplicate-elements-within-k-distance/)
  + [How to check if given four points form a square](http://www.geeksforgeeks.org/check-given-four-points-form-square/)
  + [Check if a given sequence of moves for a robot is circular or not](http://www.geeksforgeeks.org/check-if-a-given-sequence-of-moves-for-a-robot-is-circular-or-not/)
  + [Extract Leaves of a Binary Tree in a Doubly Linked List](http://www.geeksforgeeks.org/connect-leaves-doubly-linked-list/)
  + [Convert a given tree to its Sum Tree](http://www.geeksforgeeks.org/convert-a-given-tree-to-sum-tree/)
  + [Convert array into Zig-Zag fashion](http://www.geeksforgeeks.org/convert-array-into-zig-zag-fashion/)
  + [Converting Roman Numerals to Decimal lying between 1 to 3999](http://www.geeksforgeeks.org/converting-roman-numerals-decimal-lying-1-3999/)
  + [Count maximum points on same line](http://www.geeksforgeeks.org/count-maximum-points-on-same-line/)
  + [Count number of ways to cover a distance](http://www.geeksforgeeks.org/count-number-of-ways-to-cover-a-distance/)
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  + [Count ways to reach the n'th stair](http://www.geeksforgeeks.org/count-ways-reach-nth-stair/)
  + [Count Inversions in an array | Set 1 (Using Merge Sort)](http://www.geeksforgeeks.org/counting-inversions/)
  + [Delete N nodes after M nodes of a linked list](http://www.geeksforgeeks.org/delete-n-nodes-after-m-nodes-of-a-linked-list/)
  + [Depth First Traversal or DFS for a Graph](http://www.geeksforgeeks.org/depth-first-traversal-for-a-graph/)
  + [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/)
  + [Difference between sums of odd level and even level nodes of a Binary Tree](http://www.geeksforgeeks.org/difference-between-sums-of-odd-and-even-levels/)
  + [Dynamic Programming | Set 10 ( 0-1 Knapsack Problem)](http://www.geeksforgeeks.org/dynamic-programming-set-10-0-1-knapsack-problem/)
  + [Dynamic Programming | Set 12 (Longest Palindromic Subsequence)](http://www.geeksforgeeks.org/dynamic-programming-set-12-longest-palindromic-subsequence/)
  + [Dynamic Programming | Set 14 (Maximum Sum Increasing Subsequence)](http://www.geeksforgeeks.org/dynamic-programming-set-14-maximum-sum-increasing-subsequence/)
  + [Dynamic Programming | Set 17 (Palindrome Partitioning)](http://www.geeksforgeeks.org/dynamic-programming-set-17-palindrome-partitioning/)
  + [Dynamic Programming | Set 18 (Partition problem)](http://www.geeksforgeeks.org/dynamic-programming-set-18-partition-problem/)
  + [For each element in 1st array count elements less than or equal to it in 2nd array](http://www.geeksforgeeks.org/element-1st-array-count-elements-less-equal-2nd-array/)
  + [Equilibrium index of an array](http://www.geeksforgeeks.org/equilibrium-index-of-an-array/)
  + [Evaluation of Expression Tree](http://www.geeksforgeeks.org/evaluation-of-expression-tree/)
  + [Extract maximum numeric value from a given string | Set 1 (General approach)](http://www.geeksforgeeks.org/extract-maximum-numeric-value-given-string/)
  + [Find a peak element](http://www.geeksforgeeks.org/find-a-peak-in-a-given-array/)
  + [Find a sorted subsequence of size 3 in linear time](http://www.geeksforgeeks.org/find-a-sorted-subsequence-of-size-3-in-linear-time/)
  + [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 an equal point in a string of brackets](http://www.geeksforgeeks.org/find-equal-point-string-brackets/)
  + [Find Excel column name from a given column number](http://www.geeksforgeeks.org/find-excel-column-name-given-number/)
  + [Find four elements a, b, c and d in an array such that a+b = c+d](http://www.geeksforgeeks.org/find-four-elements-a-b-c-and-d-in-an-array-such-that-ab-cd/)
  + [Find height of a special binary tree whose leaf nodes are connected](http://www.geeksforgeeks.org/find-height-of-a-special-binary-tree-whose-leaf-nodes-are-connected/)
  + [Find index of an extra element present in one sorted array](http://www.geeksforgeeks.org/find-index-of-an-extra-element-present-in-one-sorted-array/)
  + [Find maximum level sum in Binary Tree](http://www.geeksforgeeks.org/find-level-maximum-sum-binary-tree/)
  + [Maximum product of a triplet (subsequnece of size 3) in array](http://www.geeksforgeeks.org/find-maximum-product-of-a-triplet-in-array/)
  + [Find the minimum element in a sorted and rotated array](http://www.geeksforgeeks.org/find-minimum-element-in-a-sorted-and-rotated-array/)
  + [Find minimum number of coins that make a given value](http://www.geeksforgeeks.org/find-minimum-number-of-coins-that-make-a-change/)
  + [Find next greater number with same set of digits](http://www.geeksforgeeks.org/find-next-greater-number-set-digits/)
  + [Find nth Magic Number](http://www.geeksforgeeks.org/find-nth-magic-number/)
  + [Print all possible words from phone digits](http://www.geeksforgeeks.org/find-possible-words-phone-digits/)
  + [Pythagorean Triplet in an array](http://www.geeksforgeeks.org/find-pythagorean-triplet-in-an-unsorted-array/)
  + [Find the Rotation Count in Rotated Sorted array](http://www.geeksforgeeks.org/find-rotation-count-rotated-sorted-array/)
  + [Find subarray with given sum | Set 1 (Nonnegative Numbers)](http://www.geeksforgeeks.org/find-subarray-with-given-sum/)
  + [Find the element before which all the elements are sm](http://www.geeksforgeeks.org/find-the-element-before-which-all-the-elements-are-smaller-than-it-and-after-which-all-are-greater-than-it/)
  + [Find the element that appears once](http://www.geeksforgeeks.org/find-the-element-that-appears-once/)
  + [Find the largest subarray with 0 sum](http://www.geeksforgeeks.org/find-the-largest-subarray-with-0-sum/)
  + [Find the maximum element in an array which is first increasing and then decre](http://www.geeksforgeeks.org/find-the-maximum-element-in-an-array-which-is-first-increasing-and-then-decreasing/)
  + [Find the maximum repeating number in O(n) time and O(1) extra space](http://www.geeksforgeeks.org/find-the-maximum-repeating-number-in-ok-time/)
  + [Find the row with maximum number of 1s](http://www.geeksforgeeks.org/find-the-row-with-maximum-number-1s/)
  + [Find the smallest positive number missing from an unsorted array | Set 1](http://www.geeksforgeeks.org/find-the-smallest-positive-number-missing-from-an-unsorted-array/)
  + [Find the smallest positive number missing from an unsorted array](http://www.geeksforgeeks.org/find-the-smallest-positive-number-missing-from-an-unsorted-array/)
  + [Find the smallest window in a string containing all characters of another strin](http://www.geeksforgeeks.org/find-the-smallest-window-in-a-string-containing-all-characters-of-another-string/)
  + [Find top k (or most frequent) numbers in a stream](http://www.geeksforgeeks.org/find-top-k-or-most-frequent-numbers-in-a-stream/)
  + [Find the transition point in a binary array](http://www.geeksforgeeks.org/find-transition-point-binary-array/)
  + [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/)
  + [Find zeroes to be flipped so that number of consecutive 1's is maximized](http://www.geeksforgeeks.org/find-zeroes-to-be-flipped-so-that-number-of-consecutive-1s-is-maximized/)
  + [Floor in a Sorted Array](http://www.geeksforgeeks.org/floor-in-a-sorted-array/)
  + [Function to check if a singly linked list is palindrome](http://www.geeksforgeeks.org/function-to-check-if-a-singly-linked-list-is-palindrome/)
  + [Find Next Sparse Number](http://www.geeksforgeeks.org/given-a-number-find-next-sparse-number/)
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  + [Given a string, find its first non-repeating character](http://www.geeksforgeeks.org/given-a-string-find-its-first-non-repeating-character/)
  + [Given a binary string, count number of substrings that start and end with 1.](http://www.geeksforgeeks.org/given-binary-string-count-number-substrings-start-end-1/)
  + [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/)
  + [Given two unsorted arrays, find all pairs whose sum is x](http://www.geeksforgeeks.org/given-two-unsorted-arrays-find-pairs-whose-sum-x/)
  + [Greedy Algorithms | Set 1 (Activity Selection Problem)](http://www.geeksforgeeks.org/greedy-algorithms-set-1-activity-selection-problem/)
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  + [Maximize number of 0s by flipping a subarray](http://www.geeksforgeeks.org/maximize-number-0s-flipping-subarray/)
  + [Maximize value of (arr[i] - i) - (arr[j] - j) in an array](http://www.geeksforgeeks.org/maximize-value-of-arri-i-arrj-j-in-an-array/)
  + [Maximum Product Subarray](http://www.geeksforgeeks.org/maximum-product-subarray/)
  + [Maximum sum of i\*arr[i] among all rotations of a given array](http://www.geeksforgeeks.org/maximum-sum-iarri-among-rotations-given-array/)
  + [Maximum sum of lengths of non-overlapping subarrays with k as the max element.](http://www.geeksforgeeks.org/maximum-sum-lengths-non-overlapping-subarrays-k-max-element/)
  + [Maximum Sum Path in Two Arrays](http://www.geeksforgeeks.org/maximum-sum-path-across-two-arrays/)
  + [Maximum sum such that no two elements are adjacent](http://www.geeksforgeeks.org/maximum-sum-such-that-no-two-elements-are-adjacent/)
  + [Median of two sorted arrays](http://www.geeksforgeeks.org/median-of-two-sorted-arrays/)
  + [Merge two sorted linked lists](http://www.geeksforgeeks.org/merge-two-sorted-linked-lists/)
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  + [Move all zeroes to end of array](http://www.geeksforgeeks.org/move-zeroes-end-array/)
  + [Multiply two numbers represented by Linked Lists](http://www.geeksforgeeks.org/multiply-two-numbers-represented-linked-lists/)
  + [Next Greater Element](http://www.geeksforgeeks.org/next-greater-element/)
  + [Find n'th node from the end of a Linked List](http://www.geeksforgeeks.org/nth-node-from-the-end-of-a-linked-list/)
  + [Program for n'th node from the end of a Linked List](http://www.geeksforgeeks.org/nth-node-from-the-end-of-a-linked-list/)
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  + [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 a Binary Tree in Vertical Order | Set 1](http://www.geeksforgeeks.org/print-binary-tree-vertical-order/)
  + [Print Common Nodes in Two Binary Search Trees](http://www.geeksforgeeks.org/print-common-nodes-in-two-binary-search-trees/)
  + [Print K'th element in spiral form of matrix](http://www.geeksforgeeks.org/print-kth-element-spiral-form-matrix/)
  + [Print Left View of a Binary Tree](http://www.geeksforgeeks.org/print-left-view-binary-tree/)
  + [Print level order traversal line by line](http://www.geeksforgeeks.org/print-level-order-traversal-line-line/)
  + [Print nodes at k distance from root](http://www.geeksforgeeks.org/print-nodes-at-k-distance-from-root/)
  + [Print all nodes in a binary tree having K leaves](http://www.geeksforgeeks.org/print-nodes-binary-tree-k-leaves/)
  + [Print all possible strings that can be made by placing spaces](http://www.geeksforgeeks.org/print-possible-strings-can-made-placing-spaces/)
  + [Print Right View of a Binary Tree](http://www.geeksforgeeks.org/print-right-view-binary-tree-2/)
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  + [Rearrange characters in a string such that no two adjacent are same](http://www.geeksforgeeks.org/rearrange-characters-string-no-two-adjacent/)
  + [Remove every k-th node of the linked list](http://www.geeksforgeeks.org/remove-every-k-th-node-linked-list/)
  + [Replace every element with the greatest element on right side](http://www.geeksforgeeks.org/replace-every-element-with-the-greatest-on-right-side/)
  + [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 an element in a sorted and rotated array](http://www.geeksforgeeks.org/search-an-element-in-a-sorted-and-pivoted-array/)
  + [Segregate even and odd nodes in a Linked List](http://www.geeksforgeeks.org/segregate-even-and-odd-elements-in-a-linked-list/)
  + [Serialize and Deserialize a Binary Tree](http://www.geeksforgeeks.org/serialize-deserialize-binary-tree/)
  + [Sliding Window Maximum (Maximum of all subarrays of size k)](http://www.geeksforgeeks.org/sliding-window-maximum-maximum-of-all-subarrays-of-size-k/)
  + [Sort a linked list of 0s, 1s and 2s](http://www.geeksforgeeks.org/sort-a-linked-list-of-0s-1s-or-2s/)
  + [Sort a stack using recursion](http://www.geeksforgeeks.org/sort-a-stack-using-recursion/)
  + [Sort an array of 0s, 1s and 2s](http://www.geeksforgeeks.org/sort-an-array-of-0s-1s-and-2s/)
  + [Sort linked list which is already sorted on absolute values](http://www.geeksforgeeks.org/sort-linked-list-already-sorted-absolute-values/)
  + [Sorted Array to Balanced BST](http://www.geeksforgeeks.org/sorted-array-to-balanced-bst/)
  + [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/)
  + [Submatrix Sum Queries](http://www.geeksforgeeks.org/submatrix-sum-queries/)
  + [The Celebrity Problem](http://www.geeksforgeeks.org/the-celebrity-problem/)
  + [Trapping Rain Water](http://www.geeksforgeeks.org/trapping-rain-water/)
  + [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/)
  + [Unbounded Knapsack (Repetition of items allowed)](http://www.geeksforgeeks.org/unbounded-knapsack-repetition-items-allowed/)
  + [Union and Intersection of two Linked Lists](http://www.geeksforgeeks.org/union-and-intersection-of-two-linked-lists/)
  + [Write a program function to detect loop in a linked list](http://www.geeksforgeeks.org/write-a-c-function-to-detect-loop-in-a-linked-list/)
  + [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 an Efficient C Program to Reverse Bits of a Number](http://www.geeksforgeeks.org/write-an-efficient-c-program-to-reverse-bits-of-a-number/)
  + [Write Code to Determine if Two Trees are Identical](http://www.geeksforgeeks.org/write-c-code-to-determine-if-two-trees-are-identical/)
  + [XOR of all subarray XORs](http://www.geeksforgeeks.org/xor-subarray-xors/)
* Medium Level
* + [A program to check if a binary tree is BST or not](http://www.geeksforgeeks.org/a-program-to-check-if-a-binary-tree-is-bst-or-not/)
  + [Add all greater values to every node in a given BST](http://www.geeksforgeeks.org/add-greater-values-every-node-given-bst/)
  + [Adding two polynomials using Linked List](http://www.geeksforgeeks.org/adding-two-polynomials-using-linked-list/)
  + [Backtracking | Set 6 (Hamiltonian Cycle)](http://www.geeksforgeeks.org/backtracking-set-7-hamiltonian-cycle/)
  + [Backtracking | Set 7 (Sudoku)](http://www.geeksforgeeks.org/backtracking-set-7-suduku/)
  + [Backtracking | Set 2 (Rat in a Maze)](http://www.geeksforgeeks.org/backttracking-set-2-rat-in-a-maze/)
  + [Binary Heap](http://www.geeksforgeeks.org/binary-heap/)
  + [Binary Search Tree | Set 2 (Delete)](http://www.geeksforgeeks.org/binary-search-tree-set-2-delete/)
  + [Boggle | Set 2 (Using Trie)](http://www.geeksforgeeks.org/boggle-set-2-using-trie/)
  + [Bottom View of a Binary Tree](http://www.geeksforgeeks.org/bottom-view-binary-tree/)
  + [How to print maximum number of 'A' using given four keys](http://www.geeksforgeeks.org/bottom-view-binary-tree/)
  + [Clone a Binary Tree with Random Pointers](http://www.geeksforgeeks.org/clone-binary-tree-random-pointers/)
  + [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/)
  + [Connect n ropes with minimum cost](http://www.geeksforgeeks.org/connect-n-ropes-minimum-cost/)
  + [Connect nodes at same level](http://www.geeksforgeeks.org/connect-nodes-at-same-level/)
  + [Construct Binary Tree from given Parent Array representation](http://www.geeksforgeeks.org/construct-a-binary-tree-from-parent-array-representation/)
  + [Construct a special tree from given preorder traversal](http://www.geeksforgeeks.org/construct-a-special-tree-from-given-preorder-traversal/)
  + [Program to convert a given number to words](http://www.geeksforgeeks.org/convert-number-to-words/)
  + [Count of n digit numbers whose sum of digits equals to given sum](http://www.geeksforgeeks.org/count-of-n-digit-numbers-whose-sum-of-digits-equals-to-given-sum/)
  + [Count Possible Decodings of a given Digit Sequence](http://www.geeksforgeeks.org/count-possible-decodings-given-digit-sequence/)
  + [Count ways to reach the n'th stair](http://www.geeksforgeeks.org/count-ways-reach-nth-stair/)
  + [Delete nodes which have a greater value on right side](http://www.geeksforgeeks.org/delete-nodes-which-have-a-greater-value-on-right-side/)
  + [Delete all occurrences of a given key in a linked list](http://www.geeksforgeeks.org/delete-occurrences-given-key-linked-list/)
  + [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/)
  + [Detect cycle in an undirected graph](http://www.geeksforgeeks.org/detect-cycle-undirected-graph/)
  + [Diagonal Traversal of Binary Tree](http://www.geeksforgeeks.org/diagonal-traversal-of-binary-tree/)
  + [Dynamic Programming | Set 11 (Egg Dropping Puzzle)](http://www.geeksforgeeks.org/dynamic-programming-set-11-egg-dropping-puzzle/)
  + [Dynamic Programming | Set 20 (Maximum Length Chain of Pairs)](http://www.geeksforgeeks.org/dynamic-programming-set-20-maximum-length-chain-of-pairs/)
  + [Dynamic Programming | Set 22 (Box Stacking Problem)](http://www.geeksforgeeks.org/dynamic-programming-set-21-box-stacking-problem/)
  + [Dynamic Programming | Set 27 (Maximum sum rectangle in a 2D matrix)](http://www.geeksforgeeks.org/dynamic-programming-set-27-max-sum-rectangle-in-a-2d-matrix/)
  + [Dynamic Programming | Set 28 (Minimum insertions to form a palindrome)](http://www.geeksforgeeks.org/dynamic-programming-set-28-minimum-insertions-to-form-a-palindrome/)
  + [Dynamic Programming | Set 3 (Longest Increasing Subsequence)](http://www.geeksforgeeks.org/dynamic-programming-set-3-longest-increasing-subsequence/)
  + [Dynamic Programming | Set 31 (Optimal Strategy for a Game)](http://www.geeksforgeeks.org/dynamic-programming-set-31-optimal-strategy-for-a-game/)
  + [Dynamic Programming | Set 4 (Longest Common Subsequence)](http://www.geeksforgeeks.org/dynamic-programming-set-4-longest-common-subsequence/)
  + [Dynamic Programming | Set 5 (Edit Distance)](http://www.geeksforgeeks.org/dynamic-programming-set-5-edit-distance/)
  + [Find a pair with given sum in a Balanced BST](http://www.geeksforgeeks.org/find-a-pair-with-given-sum-in-bst/)
  + [Find the first circular tour that visits all petrol pumps](http://www.geeksforgeeks.org/find-a-tour-that-visits-all-stations/)
  + [Find a triplet that sum to a given value](http://www.geeksforgeeks.org/find-a-triplet-that-sum-to-a-given-value/)
  + [Find distance between two given keys of a Binary Tree](http://www.geeksforgeeks.org/find-distance-two-given-nodes/)
  + [Find all distinct subsets of a given set](http://www.geeksforgeeks.org/find-distinct-subsets-given-set/)
  + [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 if a given string can be represented from a substring by iterating the substring “n](http://www.geeksforgeeks.org/find-given-string-can-represented-substring-iterating-substring-n-times/)
  + [Find k-th smallest element in BST (Order Statistics in BST)](http://www.geeksforgeeks.org/find-k-th-smallest-element-in-bst-order-statistics-in-bst/)
  + [Find length of the largest region in Boolean Matrix](http://www.geeksforgeeks.org/find-length-largest-region-boolean-matrix/)
  + [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/)
  + [Find smallest range containing elements from k lists](http://www.geeksforgeeks.org/find-smallest-range-containing-elements-from-k-lists/)
  + [Find the largest BST subtree in a given Binary Tree | Set 1](http://www.geeksforgeeks.org/find-the-largest-subtree-in-a-tree-that-is-also-a-bst/)
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  + [Find whether there is path between two cells in matrix](http://www.geeksforgeeks.org/find-whether-path-two-cells-matrix/)
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  + [Given a number, find the next smallest palindrome](http://www.geeksforgeeks.org/given-a-number-find-next-smallest-palindrome-larger-than-this-number/)
  + [Given a binary string, count number of substrings that start and end with 1.](http://www.geeksforgeeks.org/given-binary-string-count-number-substrings-start-end-1/)
  + [Construct Complete Binary Tree from its Linked List Representation](http://www.geeksforgeeks.org/given-linked-list-representation-of-complete-tree-convert-it-to-linked-representation/)
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  + [Greedy Algorithms | Set 5 (Prim’s Minimum Spanning Tree (MST))](http://www.geeksforgeeks.org/greedy-algorithms-set-5-prims-minimum-spanning-tree-mst-2/)
  + [How to print maximum number of A's using given four keys](http://www.geeksforgeeks.org/how-to-print-maximum-number-of-a-using-given-four-keys/)
  + [Inorder Successor in Binary Search Tree](http://www.geeksforgeeks.org/inorder-successor-in-binary-search-tree/)
  + [Inplace rotate square matrix by 90 degrees | Set 1](http://www.geeksforgeeks.org/inplace-rotate-square-matrix-by-90-degrees/)
  + [Kth smallest element in a row-wise and column-wise sorted 2D array | Set 1](http://www.geeksforgeeks.org/kth-smallest-element-in-a-row-wise-and-column-wise-sorted-2d-array-set-1/)
  + [Largest Rectangular Area in a Histogram | Set 2](http://www.geeksforgeeks.org/largest-rectangle-under-histogram/)
  + [Largest Sum Contiguous Subarray](http://www.geeksforgeeks.org/largest-sum-contiguous-subarray/)
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  + [Maximum difference between node and its ancestor in Binary Tree](http://www.geeksforgeeks.org/maximum-difference-between-node-and-its-ancestor-in-binary-tree/)
  + [Maximum size rectangle binary sub-matrix with all 1s](http://www.geeksforgeeks.org/maximum-size-rectangle-binary-sub-matrix-1s/)
  + [Maximum size square sub-matrix with all 1s](http://www.geeksforgeeks.org/maximum-size-sub-matrix-with-all-1s-in-a-binary-matrix/)
  + [Merge K sorted linked lists](http://www.geeksforgeeks.org/merge-k-sorted-linked-lists/)
  + [Merge two BSTs with limited extra space](http://www.geeksforgeeks.org/merge-two-bsts-with-limited-extra-space/)
  + [Merge Overlapping Intervals](http://www.geeksforgeeks.org/merging-intervals/)
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  + [Minimum steps to reach a destination](http://www.geeksforgeeks.org/minimum-steps-to-reach-a-destination/)
  + [Non-crossing lines to connect points in a circle](http://www.geeksforgeeks.org/non-crossing-lines-connect-points-circle/)
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  + [Nuts & Bolts Problem (Lock & Key problem)](http://www.geeksforgeeks.org/nuts-bolts-problem-lock-key-problem/)
  + [Print extreme nodes of each level of Binary Tree in alternate order](http://www.geeksforgeeks.org/print-extreme-nodes-of-each-level-of-binary-tree-in-alternate-order/)
  + [Print all k-sum paths in a binary tree](http://www.geeksforgeeks.org/print-k-sum-paths-binary-tree/)
  + [Print leftmost and rightmost nodes of a Binary Tree](http://www.geeksforgeeks.org/print-leftmost-and-rightmost-nodes-of-a-binary-tree/)
  + [Print Nodes in Top View of Binary Tree](http://www.geeksforgeeks.org/print-nodes-top-view-binary-tree/)
  + [Printing brackets in Matrix Chain Multiplication Problem](http://www.geeksforgeeks.org/printing-brackets-matrix-chain-multiplication-problem/)
  + [Rearrange characters in a string such that no two adjacent are same](http://www.geeksforgeeks.org/rearrange-characters-string-no-two-adjacent/)
  + [Remove minimum elements from either side such that 2\*min becomes more than max](http://www.geeksforgeeks.org/remove-minimum-elements-either-side-2min-max/)
  + [Segment Tree | Set 1 (Sum of given range)](http://www.geeksforgeeks.org/segment-tree-set-1-sum-of-given-range/)
  + [Smallest window that contains all characters of string itself](http://www.geeksforgeeks.org/smallest-window-contains-characters-string/)
  + [Snake and Ladder Problem](http://www.geeksforgeeks.org/snake-ladder-problem-2/)
  + [Sort an array according to the order defined by another array](http://www.geeksforgeeks.org/sort-array-according-order-defined-another-array/)
  + [Sort an array in wave form](http://www.geeksforgeeks.org/sort-array-wave-form-2/)
  + [Stepping Numbers](http://www.geeksforgeeks.org/stepping-numbers/)
  + [Topological Sorting](http://www.geeksforgeeks.org/topological-sorting/)
  + [Total number of possible Binary Search Trees with n keys](http://www.geeksforgeeks.org/total-number-of-possible-binary-search-trees-with-n-keys/)
  + [Trapping Rain Water](http://www.geeksforgeeks.org/trapping-rain-water/)
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  + [wildcard pattern matching](http://www.geeksforgeeks.org/wildcard-pattern-matching/)
  + [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
* + [AVL Tree | Set 1 (Insertion)](http://www.geeksforgeeks.org/avl-tree-set-1-insertion/)
  + [AVL Tree | Set 2 (Deletion)](http://www.geeksforgeeks.org/avl-tree-set-2-deletion/)
  + [Backtracking | Set 3 (N Queen Problem)](http://www.geeksforgeeks.org/backtracking-set-3-n-queen-problem/)
  + [Backtracking | Set 7 (Sudoku)](http://www.geeksforgeeks.org/backtracking-set-7-suduku/)
  + [Construct a Binary Tree from Postorder and Inorder](http://www.geeksforgeeks.org/construct-a-binary-tree-from-postorder-and-inorder/)
  + [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/)
  + [Find maximum of minimum for every window size in a given array](http://www.geeksforgeeks.org/find-the-maximum-of-minimums-for-every-window-size-in-a-given-array/)
  + [Two nodes of a BST are swapped, correct the BST](http://www.geeksforgeeks.org/fix-two-swapped-nodes-of-bst/)
  + [Given an array arr[], find the maximum j - i such that arr[j] > arr[i]](http://www.geeksforgeeks.org/given-an-array-arr-find-the-maximum-j-i-such-that-arrj-arri/)
  + [Arrange given numbers to form the biggest number | Set 1](http://www.geeksforgeeks.org/given-an-array-of-numbers-arrange-the-numbers-to-form-the-biggest-number/)
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  + [Given a sorted dictionary of an alien language, find order of characters](http://www.geeksforgeeks.org/given-sorted-dictionary-find-precedence-characters/)
  + [Implement LRU Cache](http://www.geeksforgeeks.org/implement-lru-cache/)
  + [Median in a stream of integers (running integers)](http://www.geeksforgeeks.org/median-of-stream-of-integers-running-integers/)
  + [Partition a set into two subsets such that the difference of subset sums is](http://www.geeksforgeeks.org/partition-a-set-into-two-subsets-such-that-the-difference-of-subset-sums-is-minimum/)
*  [Rearrange a given linked list in-place.](http://www.geeksforgeeks.org/rearrange-a-given-linked-list-in-place/)