Easy Level

1. [Check if a number is Palindrome](http://www.geeksforgeeks.org/check-if-a-number-is-palindrome/)
2. [Check if a given Binary Tree is SumTree](http://www.geeksforgeeks.org/check-if-a-given-binary-tree-is-sumtree/)
3. [Count pairs (a, b) whose sum of cubes is N (a^3 + b^3 = N)](http://www.geeksforgeeks.org/count-pairs-a-b-whose-sum-of-cubes-is-n-a3-b3-n/)
4. [Count set bits in an integer](http://www.geeksforgeeks.org/count-set-bits-in-an-integer/)
5. [Program for Binary To Decimal Conversion](http://www.geeksforgeeks.org/program-binary-decimal-conversion/)
6. [QuickSort](http://www.geeksforgeeks.org/quick-sort/)
7. [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/)
8. [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/)
9. [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/)
10. [Write your own atoi()](http://www.geeksforgeeks.org/write-your-own-atoi/)
11. [Breadth First Traversal or BFS for a Graph](http://www.geeksforgeeks.org/breadth-first-traversal-for-a-graph/)
12. [How to check if two given line segments intersect?](http://www.geeksforgeeks.org/check-if-two-given-line-segments-intersect/)
13. [Copy set bits in a range](http://www.geeksforgeeks.org/copy-set-bits-in-a-range/)
14. [Count all distinct pairs with difference equal to k](http://www.geeksforgeeks.org/count-pairs-difference-equal-k/)
15. [Count Inversions in an array | Set 1 (Using Merge Sort)](http://www.geeksforgeeks.org/counting-inversions/)
16. [Design and Implement Special Stack Data Structure | Added Space Optimized Version](http://www.geeksforgeeks.org/design-and-implement-special-stack-data-structure/)
17. [Dynamic Programming | Set 18 (Partition problem)](http://www.geeksforgeeks.org/dynamic-programming-set-18-partition-problem/)
18. [Equilibrium index of an array](http://www.geeksforgeeks.org/equilibrium-index-of-an-array/)
19. [Find length of loop in linked list](http://www.geeksforgeeks.org/find-length-of-loop-in-linked-list/)
20. [Find the Longest Increasing Subsequence in Circular manner](http://www.geeksforgeeks.org/find-longest-increasing-subsequence-circular-manner/)
21. [Find the minimum element in a sorted and rotated array](http://www.geeksforgeeks.org/find-minimum-element-in-a-sorted-and-rotated-array/)
22. [Find next greater number with same set of digits](http://www.geeksforgeeks.org/find-next-greater-number-set-digits/)
23. [Implement Stack using Queues](http://www.geeksforgeeks.org/implement-stack-using-queue/)
24. [Level order traversal in spiral form](http://www.geeksforgeeks.org/level-order-traversal-in-spiral-form/)
25. [Merge Sort for Linked Lists](http://www.geeksforgeeks.org/merge-sort-for-linked-list/)
26. [Find n'th node from the end of a Linked List](http://www.geeksforgeeks.org/nth-node-from-the-end-of-a-linked-list/)
27. [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/)
28. [Pascal's Triangle](http://www.geeksforgeeks.org/pascal-triangle/)
29. [Print Right View of a Binary Tree](http://www.geeksforgeeks.org/print-right-view-binary-tree-2/)
30. [Put spaces between words starting with capital letters](http://www.geeksforgeeks.org/put-spaces-words-starting-capital-letters/)
31. [Implement Queue using Stacks](http://www.geeksforgeeks.org/queue-using-stacks/)
32. [Remove duplicates from a sorted linked list](http://www.geeksforgeeks.org/remove-duplicates-from-a-sorted-linked-list/)
33. [Reverse Level Order Traversal](http://www.geeksforgeeks.org/reverse-level-order-traversal/)
34. [Reverse words in a given string](http://www.geeksforgeeks.org/reverse-words-in-a-given-string/)
35. [Root to leaf path sum equal to a given number](http://www.geeksforgeeks.org/root-to-leaf-path-sum-equal-to-a-given-number/)
36. [Search an element in a sorted and rotated array](http://www.geeksforgeeks.org/search-an-element-in-a-sorted-and-pivoted-array/)
37. [Serialize and Deserialize a Binary Tree](http://www.geeksforgeeks.org/serialize-deserialize-binary-tree/)
38. [Sort a linked list of 0s, 1s and 2s](http://www.geeksforgeeks.org/sort-a-linked-list-of-0s-1s-or-2s/)
39. [Sort an array of 0s, 1s and 2s](http://www.geeksforgeeks.org/sort-an-array-of-0s-1s-and-2s/)
40. [Sort an array after applying the given equation](http://www.geeksforgeeks.org/sort-array-applying-given-equation/)
41. [Trapping Rain Water](http://www.geeksforgeeks.org/trapping-rain-water/)
42. [Write a function to reverse a linked list](http://www.geeksforgeeks.org/write-a-function-to-reverse-the-nodes-of-a-linked-list/)

Medium Level

1. [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/)
2. [Check if a given array can represent Preorder Traversal of Binary Search Tree](http://www.geeksforgeeks.org/check-if-a-given-array-can-represent-preorder-traversal-of-binary-search-tree/)
3. [Combinational Sum](http://www.geeksforgeeks.org/combinational-sum/)
4. [Connect nodes at same level](http://www.geeksforgeeks.org/connect-nodes-at-same-level/)
5. [Detect Cycle in a Directed Graph](http://www.geeksforgeeks.org/detect-cycle-in-a-graph/)
6. [Detect cycle in an undirected graph](http://www.geeksforgeeks.org/detect-cycle-undirected-graph/)
7. [Dynamic Programming | Set 31 (Optimal Strategy for a Game)](http://www.geeksforgeeks.org/dynamic-programming-set-31-optimal-strategy-for-a-game/)
8. [Find whether there is path between two cells in matrix](http://www.geeksforgeeks.org/find-whether-path-two-cells-matrix/)
9. [Greedy Algorithms | Set 7 (Dijkstra's shortest path algorithm)](http://www.geeksforgeeks.org/greedy-algorithms-set-6-dijkstras-shortest-path-algorithm/)
10. [Minimize the maximum difference between the heights](http://www.geeksforgeeks.org/minimize-the-maximum-difference-between-the-heights/)
11. [Minimum number of jumps to reach end](http://www.geeksforgeeks.org/minimum-number-of-jumps-to-reach-end-of-a-given-array/)
12. [Multiply Large Numbers represented as Strings](http://www.geeksforgeeks.org/multiply-large-numbers-represented-as-strings/)
13. [Nuts & Bolts Problem (Lock & Key problem)](http://www.geeksforgeeks.org/nuts-bolts-problem-lock-key-problem/)
14. [Quickhull Algorithm for Convex Hull](http://www.geeksforgeeks.org/quickhull-algorithm-convex-hull/)
15. [Reverse a Linked List in groups of given size](http://www.geeksforgeeks.org/reverse-a-list-in-groups-of-given-size/)
16. Given an array A[] and a number x, check for pair in A[] with sum as x

[Hard Level](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/)

1. [Construct a Binary Tree from Postorder and Inorder](http://www.geeksforgeeks.org/construct-a-binary-tree-from-postorder-and-inorder/)
2. [Implement LRU Cache](http://www.geeksforgeeks.org/implement-lru-cache/)
3. [Median in a stream of integers (running integers)](http://www.geeksforgeeks.org/median-of-stream-of-integers-running-integers/)