Arrays

1. Subarray with given sum
2. Count the triplets
3. Kadane's Algorithm
4. Missing number in array
5. Merge two sorted arrays
6. Rearrange array alternatively
7. Number of pairs
8. Inversion of Array
9. Sort an array of 0s, 1s and 2s
10. Equilibrium point
11. Leaders in an array
12. Minimum Platforms
13. Reverse array in groups
14. K'th smallest element
15. Trapping Rain Water
16. Pythagorean Triplet
17. Chocolate Distribution Problem
18. Stock buy and sell
19. Element with left side smaller and right side greater
20. Convert array into Zig-Zag fashion
21. Last Index of 1
22. Spirally traversing a matrix
23. Largest Number formed from an Array

String

24. Reverse words in a given string
25. Permutations of a given string
26. Longest Palindrome in a String
27. Recursively remove all adjacent duplicates
28. Check if string is rotated by two places
29. Roman Number to Integer
30. Anagram
31. Remove Duplicates
32. Form a Palindrome
33. Longest Distinct Characters in the string
34. Implement Atoi
35. Implement strstr
36. Longest Common Prefix

Linked List

37. Finding middle element in a linked list
38. Reverse a linked list
39. Rotate a Linked List
40. Reverse a Linked List in groups of given size
41. Intersection point in Y shaped linked lists
42. Detect Loop in linked list
43. Remove loop in Linked List
44. n'th node from end of linked list
45. Flattening a Linked List
46. Merge two sorted linked lists
47. Intersection point of two Linked Lists
48. Pairwise swap of a linked list
49. Add two numbers represented by linked lists
50. Check if Linked List is Palindrome
51. Implement Queue using Linked List
52. Implement Stack using Linked List
53. Given a linked list of 0s, 1s and 2s, sort it
54. Delete without head pointer

Stack and Queue

55. Parenthesis Checker
56. Next larger element
57. Queue using two Stacks
58. Stack using two queues
59. Get minimum element from stack
60. LRU Cache
61. Circular tour
62. First non-repeating character in a stream
63. Rotten Oranges
64. Maximum of all subarrays of size k

Tree

65. Print Left View of Binary Tree
66. Check for BST
67. Print Bottom View of Binary Tree
68. Print a Binary Tree in Vertical Order
69. Level order traversal in spiral form
70. Connect Nodes at Same Level
71. Lowest Common Ancestor in a BST
72. Convert a given Binary Tree to Doubly Linked List
73. Write Code to Determine if Two Trees are Identical or Not
74. Given a binary tree, check whether it is a mirror of itself
75. Height of Binary Tree
76. Maximum Path Sum
77. Diameter of a Binary Tree
78. Number of leaf nodes
79. Check if given Binary Tree is Height Balanced or Not
80. Serialize and Deserialize a Binary Tree

Graph

81. Activity Selection
82. N meetings in one room
83. Coin Piles
84. Maximize Toys
85. Page Faults in LRU
86. Largest number possible
87. Minimize the heights
88. Minimize the sum of product
89. Huffman Decoding
90. Minimum Spanning Tree
91. Shop in Candy Store
92. Geek collects the balls

DP

93. Minimum Operations
94. Max length chain
95. Minimum number of Coins
96. Longest Common Substring
97. Longest Increasing Subsequence
98. Longest Common Subsequence
99. 0 – 1 Knapsack Problem
100. Maximum sum increasing subsequence
101. Minimum number of jumps
102. Edit Distance
103. Coin Change Problem
104. Subset Sum Problem
105. Box Stacking
106. Rod Cutting
107. Path in Matrix
108. Minimum sum partition
109. Count number of ways to cover a distance
110. Egg Dropping Puzzle
111. Optimal Strategy for a Game
112. Shortest Common Supersequence