Mircrosoft VO

- 1. <u>1239. Maximum Length of a Concatenated String with Unique Characters -- Medium</u>
- 2. 234. Palindrome Linked List -- Easy O(1)
- 3. 297. Serialize and Deserialize Binary Tree -- Hard
- 4. 428. Serialize and Deserialize N-ary Tree -- Hard
- 5. 1188. Design Bounded Blocking Queue -- Medium
- 6. 103. Binary Tree Zigzag Level Order Traversal -- Medium +
- 7. 1197. Minimum Knight Moves -- Medium
- 8. 23. Merge k Sorted Lists -- Hard
- 9. Sell Stock Series -- Easy to Hard III and IV need practice more
- 10. 398. Random Pick Index -- Medium
- 11. <u>287. Find the Duplicate Number -- Medium</u> **follow up** +
- 12. <u>146. LRU Cache -- Medium +</u>
- 13. 49. Group Anagrams -- Medium
- 14. 535. Encode and Decode TinyURL -- Medium
- 15. 438. Find All Anagrams in a String -- Medium
- 16. 273. Integer to English Words -- Hard
- 17. 138. Copy List with Random Pointer -- Medium
- 18. 171. Excel Sheet Column Number -- Easy
- 19. 348. Design Tic-Tac-Toe -- Medium
- 20. 783. Minimum Distance Between BST Nodes -- Easy
- 21. 247. Strobogrammatic Number II -- Medium
- 22. 21. Merge Two Sorted Lists -- Easy
- 23. 347. Top K Frequent Elements -- Medium + quick select
- 24. 721. Accounts Merge -- Medium
- 25. new grad 001
- 26. find duplicate in ascending array
- 27. 198. House Robber -- Medium
- 28. 489. Robot Room Cleaner -- Hard
- 29. <u>4. Median of Two Sorted Arrays -- Hard</u>
- 30. 295. Find Median from Data Stream -- Hard
- 31. 183. Customers Who Never Order -- Easy
- 32. 33. Search in Rotated Sorted Array -- Medium
- 33. 445. Add Two Numbers II -- Medium
- 34. check if it is BST
- 35. <u>new grad 002</u>
- 36. 1446. Consecutive Characters -- Medium
- 37. 650. 2 Keys Keyboard -- Medium
- 38. 1344. Angle Between Hands of a Clock -- Medium
- 39. 13. Roman to Integer -- Easy
- 40. 36. Valid Sudoku -- Medium
- 41. 37. Sudoku Solver -- Hard
- 42. 772. Basic Calculator III -- Hard
- 43. 53. Maximum Subarray -- Medium
- 44. 46. Permutations -- Medium
- 45. <u>560. Subarray Sum Equals K -- Medium</u>
- 46. 1586. Binary Search Tree Iterator II -- Medium

- 47. 127. Word Ladder -- Hard
- 48. 126. Word Ladder II -- Hard
- 49. <u>90. Subsets II -- Medium</u> +
- 50. 210. Course Schedule II -- Medium
- 51. 207. Course Schedule -- Medium
- 52. 340. Longest Substring with At Most K Distinct Characters -- Medium
- 53. 239. Sliding Window Maximum -- Hard +
- 54. Lock
- 55. 62. Unique Paths -- Medium
- 56. int sqr(x)
- 57. <u>56. Merge Intervals -- Medium</u> +
- 58. source to destination, minimum cost
- 59. 463. Island Perimeter -- Easy
- 60. check if IP is valid
- 61. 128. Longest Consecutive Sequence -- Hard
- 62. 973. K Closest Points to Origin -- Medium
- 63. 702. Search in a Sorted Array of Unknown Size
- 64. given sorted array, find K closest value to target
- 65. 15. 3Sum -- Medium
- 66. 124. Binary Tree Maximum Path Sum -- Hard
- 67. Transfer BST to ascending doubly LinkedList
- 68. Find if an array of strings can be chained to form a circle
- 69. 1258. Synonymous Sentences -- Medium
- 70. 54. Spiral Matrix -- Medium
- 71. 75. Sort Colors -- Medium
- 72. Given a linkedList, return K largest values in an array
- 73. 142. Linked List Cycle II -- Medium +
- 74. kth smallest element in two sorted list
- 75. 68. Text Justification -- Hard
- 76. 346. Moving Average from Data Stream -- Easy
- 77. 4. Median of Two Sorted Arrays -- Hard +
- 78. find max number combination e.g. give [23, 12, 56], return 562312.
- 79. 42. Trapping Rain Water -- Hard
- 80. 258. Add Digits -- Easy
- 81. 332. Reconstruct Itinerary -- Medium
- 82. 340. Longest Substring with At Most K Distinct Characters -- Medium
- 83. check if a integer is a prime
- 84. <u>460. LFU Cache -- Hard</u>
- 85. return node and height of the tree
- 86. 1780. Check if Number is a Sum of Powers of Three -- Medium
- 87. first unique number or char in the string +
- 88. Merge sort array +
- 89. Minimum Adjacent swaps to make palindrome
- 90. 1312. Minimum Insertion Steps to Make a String Palindrome -- Hard
- 91. Find the minimum number of deletions required to convert a string into a palindrome
- 92. Minimum number of characters to be replaced to make a given string Palindrome
- 93. Minimum number of Appends needed to make a string palindrome
- 94. 416. Partition Equal Subset Sum -- Medium / 698. Partition to K Equal Sum Subsets -- Medium
- 95. 236. Lowest Common Ancestor of a Binary Tree -- Medium
- 96. 48. Rotate Image -- Medium
- 97. topological sort, 拓扑排序???
- 98. 122. Best Time to Buy and Sell Stock II -- Medium

- 99. given a stirng and a set of patterns, remove patterns from the string
- 100. 17. Letter Combinations of a Phone Number -- Medium
- 101. 692. Top K Frequent Words -- Medium
- 102. <u>322. Coin Change -- Medium</u>
- 103. 88. Merge Sorted Array -- Easy O(N)
- 104. <u>1. Two Sum -- Easy</u>
- 105. Quick Sort
- 106. <u>other 001</u>
- 107. <u>449. Serialize and Deserialize BST -- Medium</u>
- 108. <u>647. Palindromic Substrings -- medium</u>
- 109. merge to linked list / 160 intersection of linkedlists
- 110. 20. valid parentheses -- Medium