

1 - strStr & Coding Style	Required (1/1)	Optional (4/4)
18. Subsets II (/problem/subsets-ii)		
17. Subsets (/problem/subsets)		
16. Permutations II (/problem/permutations-ii)		
15. Permutations (/problem/permutations)		
2 - Binary Search	Required (9/9)	Optional (0/9)
462. Total Occurrence of Target (/problem/total-occurrence-of-target)		
459. Closest Number in Sorted Array (/problem/closest-number-in-sorted-array)		
458. Last Position of Target (/problem/last-position-of-target)		
457. Classical Binary Search (/problem/classical-binary-search)		
460. K Closest Numbers In Sorted Array (/problem/k-closest-numbers-in-sorted-array)		
183. Wood Cut (/problem/wood-cut)		
160. Find Minimum in Rotated Sorted Array II (/problem/find-minimum-in-rotated-sorted-array-ii)		
63. Search in Rotated Sorted Array II (/problem/search-in-rotated-sorted-array-ii)		
38. Search a 2D Matrix II (/problem/search-a-2d-matrix-ii)		
3 - Binary Tree & Divide Conquer	Required (10/10)	Optional (4/17)
376. Binary Tree Path Sum (/problem/binary-tree-path-sum)		
474. Lowest Common Ancestor II (/problem/lowest-common-ancestor-ii)		
470. Tweaked Identical Binary Tree (/problem/tweaked-identical-binary-tree)		
469. Identical Binary Tree (/problem/identical-binary-tree)		
468. Symmetric Binary Tree (/problem/symmetric-binary-tree)		
467. Complete Binary Tree (/problem/complete-binary-tree)		
155. Minimum Depth of Binary Tree (/problem/minimum-depth-of-binary-tree)		
85. Insert Node in a Binary Search Tree (/problem/insert-node-in-a-binary-search-tree)		
68. Binary Tree Postorder Traversal (/problem/binary-tree-postorder-traversal)		
67. Binary Tree Inorder Traversal (/problem/binary-tree-inorder-traversal)		
73. Construct Binary Tree from Preorder and Inorder Traversal (/problem/construct-binary-tree-from-preorder-and-inorder-traversal)		
72. Construct Binary Tree from Inorder and Postorder Traversal (/problem/construct-binary-tree-from-inorder-and-postorder-traversal)		
71. Binary Tree Zigzag Level Order Traversal (/problem/binary-tree-zigzag-level-order-traversal)		
70. Binary Tree Level Order Traversal II (/problem/binary-tree-level-order-traversal-ii)		
11. Search Range in Binary Search Tree (/problem/search-range-in-binary-search-tree)		
7. Binary Tree Serialization (/problem/binary-tree-serialization)		

87. Remove Node in Binary Search Tree (/problem/remove-node-in-binary-search-tree)		
4 - Dynamic Programming I	Required (8/8)	Optional (0/0)
5 - Dynamic Programming II	Required (7/7)	Optional (0/6)
512. Decode Ways (/problem/decode-ways)		
125. Backpack II (/problem/backpack-ii)		
92. Backpack (/problem/backpack)		
91. Minimum Adjustment Cost (/problem/minimum-adjustment-cost)		
192. Wildcard Matching (/problem/wildcard-matching)		
89. k Sum (/problem/k-sum)		
6 - Linked List	Required (10/10)	Optional (0/18)
228. Middle of Linked List (/problem/middle-of-linked-list)		
452. Remove Linked List Elements (/problem/remove-linked-list-elements)		
217. Remove Duplicates from Unsorted List (/problem/remove-duplicates-from-unsorted-list)		
451. Swap Nodes in Pairs (/problem/swap-nodes-in-pairs)		
372. Delete Node in the Middle of Singly Linked List (/problem/delete-node-in-the-middle-of-singly-linked-list)		
173. Insertion Sort List (/problem/insertion-sort-list)		
167. Add Two Numbers (/problem/add-two-numbers)		
166. Nth to Last Node in List (/problem/nth-to-last-node-in-list)		
165. Merge Two Sorted Lists (/problem/merge-two-sorted-lists)		
112. Remove Duplicates from Sorted List (/problem/remove-duplicates-from-sorted-list)		
35. Reverse Linked List (/problem/reverse-linked-list)		
511. Swap Two Nodes in Linked List (/problem/swap-two-nodes-in-linked-list)		
221. Add Two Numbers II (/problem/add-two-numbers-ii)		
223. Palindrome Linked List (/problem/palindrome-linked-list)		
378. Convert Binary Search Tree to Doubly Linked List (/problem/convert-binary-search-tree-to-doubly-linked-list)		
170. Rotate List (/problem/rotate-list)		
102. Linked List Cycle (/problem/linked-list-cycle)		
450. Reverse Nodes in k-Group (/problem/reverse-nodes-in-k-group)		
7 - Array & Numbers	Required (10/10)	Optional (2/22)
142. O(1) Check Power of 2 (/problem/o1-check-power-of-2)		
141. Sqrt(x) (/problem/sqrtx)		
82. Single Number (/problem/single-number)		
46. Majority Number (/problem/majority-number)		
44. Minimum Subarray (/problem/minimum-subarray)		
6. Merge Sorted Array II (/problem/merge-sorted-array-ii)		

2. Trailing Zeros (/problem/trailing-zeros)
191. Maximum Product Subarray (/problem/maximum-product-subarray)
151. Best Time to Buy and Sell Stock III (/problem/best-time-to-buy-and-sell-stock-iii)
150. Best Time to Buy and Sell Stock II (/problem/best-time-to-buy-and-sell-stock-ii)
149. Best Time to Buy and Sell Stock (/problem/best-time-to-buy-and-sell-stock)
143. Sort Colors II (/problem/sort-colors-ii)
84. Single Number III (/problem/single-number-iii)
83. Single Number II (/problem/single-number-ii)
58. 4Sum (/problem/4sum)
57. 3Sum (/problem/3sum)
49. Sort Letters by Case (/problem/sort-letters-by-case)
48. Majority Number III (/problem/majority-number-iii)
47. Majority Number II (/problem/majority-number-ii)
45. Maximum Subarray Difference (/problem/maximum-subarray-difference)
393. Best Time to Buy and Sell Stock IV (/problem/best-time-to-buy-and-sell-stock-iv)
43. Maximum Subarray III (/problem/maximum-subarray-iii)

8 - Data Structure	Required (10/10)	Optional (5/9)
495. Implement Stack (/problem/implement-stack)		
494. Implement Stack by Two Queues (/problem/implement-stack-by-two-queues)		
493. Implement Queue by Linked List II (/problem/implement-queue-by-linked-list-ii)		
492. Implement Queue by Linked List (/problem/implement-queue-by-linked-list)		
128. Hash Function (/problem/hash-function)		
229. Stack Sorting (/problem/stack-sorting)		
130. Heapify (/problem/heapify)		
230. Animal Shelter (/problem/animal-shelter)		
126. Max Tree (/problem/max-tree)		

9 - Graph & Search	Required (8/10)	Optional (1/5)
431. Find the Connected Component in the Undirected Graph (/problem/find-the-connected-component-in-the-undirected-graph)		
10. String Permutation II (/problem/string-permutation-ii)		
120. Word Ladder (/problem/word-ladder)		
90. k Sum II (/problem/k-sum-ii)		
33. N-Queens (/problem/n-queens)		

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