1	Two Sum	Array			
4	Median of Two Sorted Arrays				
5	Longest Palindromic Substring				
8	String to Integer (atoi)				
10	Regular Expression Matching	String/ DP/ Backtracking			
13	Roman to Integer				
15	3Sum	Array			
17	Letter Combinations of a Phone Number	String/ Backtacking			
20	Valid Parantless				
21	Merge Two Sorted Lists				
22	Generate Parentheses				
23	Merge k Sorted Lists	Linked list			
25	Reverse Nodes in k-Group	Linked list			
26	Remove Duplicates from Sorted Array	Array			
28	Implement strStr()	String			
33	Search in Rotated Sorted Array	Array/BinarySearch			
36	Valid Sudoku				
38	Count and Say	String			
43	Multiply Strings	String / Math			
44	Wildcard Matching				
46	Permutations				
47	Permutations II				
48	Rotate Image				
49	Group Anagrams	String			
50	Pow(x, n)	Math/ Binary Search			
53	Maximum Subarray				
56	Merge Intervals				
57	Insert Interval				
65	Valid Number				
66	Plus One				
67	Add Binary	String / Math			
68	Text Justification				

69	Sqrt(x)	Math/ Binary Search			
75	Sort Colors	Array			
76	Minimum Window Substring	String			
78	Subsets	Array/Backtracking			
79	Word Search	Array/Backtracking			
80	Remove Duplicates from Sorted Array II	Array			
88	Merge Sorted Array	Array			
89	Gray Code				
91	Decode Ways	String/ DP			
98	Validate Binary Search Tree				
102	Binary Tree Level Order Traversal	Tree			
103	Binary Tree Zigzag Level Order Traversal				
104	Maximum Depth of Binary Tree				
117	Populating Next Right Pointers in Each Node II	this			
121	Best Time to Buy and Sell Stock	Dynamic Programming			
125	Valid Palindrome	String			
127	Word Ladder				
133	Clone Graph	Graph,Depth-First Search,Breadth-First Search			
138	Copy List with Random Pointer				
140	Word Break II				
146	LRU Cache				
149	Max Points on a Line				
150	Evaluate Reverse Polish Notation				
152	Maximum Product Subarray				
155	Min Stack	Stack			
158	Read N Characters Given Read4 II - Call multiple times	this one			
159	Longest Substring with At Most Two Distinct Characters				
160	Intersection of Two Linked Lists				
161	One Edit Distance	this one			
162	Find Peak Element				
163	Missing Ranges				

229	Majority Element II				
230	Kth Smallest Element in a BST				
235	Lowest Common Ancestor of a Binary Search Tree	Tree			
236	Lowest Common Ancestor of a Binary Tree	Tree			
238	Product of Array Except Self	Array			
239	Sliding Window Maximum				
240	Search a 2D Matrix II				
242	Valid Anagram				
243	Shortest Word Distance				
244	Shortest Word Distance II				
245	Shortest Word Distance III				
246	Strobogrammatic Number				
247	Strobogrammatic Number II				
249	Group Shifted Strings				
251	Flatten 2D Vector				
252	Meeting Rooms	Sort			
253	Meeting Rooms II	Sort			
254	Factor Combinations				
255	Verify Preorder Sequence in Binary Search Tree				
256	Paint House				
257	Binary Tree Paths	Tree/DFS			
259	3Sum Smaller				
261	Graph Valid Tree	Graph,Deepth-First Search,Breadth-First Search,Union Find			
265	Paint House II				
266	Palindrome Permutation				
269	Alien Dictionary	this one			
270	Closest Binary Search Tree Value				
271	Encode and Decode Strings				
272	Closest Binary Search Tree Value II				
273	Integer to English Words	String / Math			
274	H-Index	Sort			

275	H-Index II	Binary Search			
276	Paint Fence				
277	Find the Celebrity				
278	First Bad Version	Binary Search			
279	Perfect Squares				
280	Wiggle Sort				
281	Zigzag Iterator				
282	Expression Add Operators				
283	Move Zeroes	Array			
284	Peeking Iterator				
286	Walls and Gates				
288	Unique Word Abbreviation				
289	Game of Life				
293	Flip Game				
294	Flip Game II				
295	Find Median from Data Stream				
297	Serialize and Deserialize Binary Tree				
298	Binary Tree Longest Consecutive Sequence				
301	Remove Invalid Parentheses	DFS/BFS			
302	Smallest Rectangle Enclosing Black Pixels				
305	Number of Islands II				