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	
	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	
	Pow(x, n)	Math/ Binary Search	
	Maximum Subarray		
	Merge Intervals		
57	Insert Interval		
	Valid Number		
	Plus One		
	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		
	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			

166	Fraction to Recurring Decimal		
167	Two Sum II - Input array is sorted		
168	Excel Sheet Column Title	Math	
169	Majority Element		
170	Two Sum III - Data structure design		
171	Excel Sheet Column Number		
173	Binary Search Tree Iterator	Tree/Stack	
186	Reverse Words in a String II		
187	Repeated DNA Sequences		
198	House Robber		
199	Binary Tree Right Side View		
200	Number of Islands	DFS/BFS	
202	Happy Number		
204	Count Primes		
205	Isomorphic Strings		
206	Reverse Linked List	Linked list	
207	Course Schedule		
208	Implement Trie (Prefix Tree)	Tree	
209	Minimum Size Subarray Sum	Array,Two Pointers,Binary Search	
210	Course Schedule II	DFS/BFS	
211	Add and Search Word - Data structure design	Backtracking, Design, Trie	
212	Word Search II		
214	Shortest Palindrome		
215	Kth Largest Element in an Array	Heap,Divide and Conquer	
217	Contains Duplicate		
218	The Skyline Problem		
219	Contains Duplicate II		
220	Contains Duplicate III		
221	Maximal Square	DP	
224	Basic Calculator		
228	Summary 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				
	Encode and Decode Strings				
272	Closest Binary Search Tree Value II				
<b>27</b> 3	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			