

4	Median of Two Sorted Arrays	23.	Hard	
10	Regular Expression Matching	24.	Hard	
17	Letter Combinations of a Phone Number	37.	Medium	
20	Valid Parentheses	34.	Easy	
22	Generate Parentheses	48.	Medium	
23	Merge k Sorted Lists	28.	Hard	
31	Next Permutation	29.	Medium	
42	Trapping Rain Water	38.	Hard	
44	Wildcard Matching	21.	Hard	

50	Pow(x, n)	26. 2 %	Medium	
54	Spiral Matrix	27. 6 %	Medium	
56	Merge Intervals	32. 4 %	Medium	
57	Insert Interval	29. 3 %	Hard	
66	Plus One	39. 9 %	Easy	
128	Longest Consecutive Sequence	38. 6 %	Hard	
133	Clone Graph	25. 2 %	Medium	
139	Word Break	31. 9 %	Medium	
140	Word Break II	24. 8 %	Hard	

146	LRU Cache	20. 4 %	Hard	
155	Min Stack	32. 0 %	Easy	
158	Read N Characters Given Read4 II - Call multiple times	24. 6 %	Hard	
159	Longest Substring with At Most Two Distinct Characters	43. 2 %	Hard	
162	Find Peak Element	39. 3 %	Medium	
163	Missing Ranges	23. 0 %	Medium	
166	Fraction to Recurring Decimal	18. 3 %	Medium	
173	Binary Search Tree Iterator	44. 0 %	Medium	
200	Number of Islands	37. 2 %	Medium	

208	Implement Trie (Prefix Tree)	31. 7 %	Medium	
212	Word Search II	25. 3 %	Hard	
214	Shortest Palindrome	25. 4 %	Hard	
218	The Skyline Problem	29. 4 %	Hard	
224	Basic Calculator	29. 1 %	Hard	
228	Summary Ranges	32. 7 %	Medium	
230	Kth Smallest Element in a BST	46. 0 %	Medium	
231	Power of Two	40. 9 %	Easy	
239	Sliding Window Maximum	34. 5 %	Hard	

240	Search a 2D Matrix II	39.1%	Medium	
246	Strobogrammatic Number	40.4%	Easy	
247	Strobogrammatic Number II	41.2%	Medium	
249	Group Shifted Strings	45.0%	Medium	
251	Flatten 2D Vector	41.7%	Medium	
253	Meeting Rooms II	39.7%	Medium	
257	Binary Tree Paths	42.0%	Easy	
259	3Sum Smaller	42.3%	Medium	
261	Graph Valid Tree	38.6%	Medium	

266	Palindrome Permutation	58. 3 %	Easy	
269	Alien Dictionary	26. 8 %	Hard	
270	Closest Binary Search Tree Value	41. 0 %	Easy	
271	Encode and Decode Strings	25. 9 %	Medium	
272	Closest Binary Search Tree Value II	40. 5 %	Hard	
274	H-Index	33. 9 %	Medium	
276	Paint Fence	35. 0 %	Easy	
279	Perfect Squares	38. 0 %	Medium	
280	Wiggle Sort	58. 9 %	Medium	

281	Zigzag Iterator	53. 1 %	Medium	
282	Expression Add Operators	30. 7 %	Hard	
284	Peeking Iterator	35. 7 %	Medium	
286	Walls and Gates	45. 8 %	Medium	
288	Unique Word Abbreviation	18. 2 %	Medium	
289	Game of Life	37. 6 %	Medium	
293	Flip Game	57. 5 %	Easy	
294	Flip Game II	47. 1 %	Medium	
295	Find Median from Data Stream	30. 3 %	Hard	

297	Serialize and Deserialize Binary Tree	35. 5 %	Hard	
298	Binary Tree Longest Consecutive Sequence	42. 0 %	Medium	
299	Bulls and Cows	36. 3 %	Medium	
302	Smallest Rectangle Enclosing Black Pixels	47. 0 %	Hard	
305	Number of Islands II	39. 8 %	Hard	
308	Range Sum Query 2D - Mutable	26. 7 %	Hard	
309	Best Time to Buy and Sell Stock with Cooldown	42. 3 %	Medium	
310	Minimum Height Trees	29. 0 %	Medium	
312	Burst Balloons	43. 9 %	Hard	

313	Super Ugly Number	38. 6 %	Medium	
314	Binary Tree Vertical Order Traversal	38. 2 %	Medium	
315	Count of Smaller Numbers After Self	35. 1 %	Hard	
316	Remove Duplicate Letters	30. 6 %	Hard	
317	Shortest Distance from All Buildings	34. 9 %	Hard	
318	Maximum Product of Word Lengths	46. 1 %	Medium	
320	Generalized Abbreviation	46. 5 %	Medium	
321	Create Maximum Number	24. 9 %	Hard	
323	Number of Connected Components in an Undirected Graph	49. 2 %	Medium	

324	Wiggle Sort II	26. 5 %	Medium	
326	Power of Three	40. 9 %	Easy	
327	Count of Range Sum	30. 9 %	Hard	
329	Longest Increasing Path in a Matrix	37. 6 %	Hard	
330	Patching Array	32. 8 %	Hard	
331	Verify Preorder Serialization of a Binary Tree	37. 3 %	Medium	
332	Reconstruct Itinerary	30. 0 %	Medium	
336	Palindrome Pairs	27. 3 %	Hard	
340	Longest Substring with At Most K Distinct Characters	38. 3 %	Hard	

341	Flatten Nested List Iterator	43. 6 %	Medium	
345	Reverse Vowels of a String	39. 5 %	Easy	
346	Moving Average from Data Stream	60. 9 %	Easy	
348	Design Tic-Tac-Toe	46. 3 %	Medium	
351	Android Unlock Patterns	44. 6 %	Medium	
353	Design Snake Game	27. 5 %	Medium	
354	Russian Doll Envelopes	32. 6 %	Hard	
356	Line Reflection	30. 3 %	Medium	
357	Count Numbers with Unique Digits	46. 2 %	Medium	

358	Rearrange String k Distance Apart	31. 6 %	Hard	
359	Logger Rate Limiter	61. 2 %	Easy	
360	Sort Transformed Array	45. 2 %	Medium	
361	Bomb Enemy	40. 6 %	Medium	
362	Design Hit Counter	55. 5 %	Medium	
363	Max Sum of Rectangle No Larger Than K	33. 9 %	Hard	
368	Largest Divisible Subset	33. 9 %	Medium	
369	Plus One Linked List	54. 8 %	Medium	
370	Range Addition	57. 4 %	Medium	

373	Find K Pairs with Smallest Sums	31. 5 %	Medium	
374	Guess Number Higher or Lower	37. 1 %	Easy	
375	Guess Number Higher or Lower II	36. 2 %	Medium	
377	Combination Sum IV	43. 0 %	Medium	
378	Kth Smallest Element in a Sorted Matrix	45. 7 %	Medium	
379	Design Phone Directory	36. 8 %	Medium	
380	Insert Delete GetRandom O(1)	40. 1 %	Medium	
382	Linked List Random Node	47. 5 %	Medium	
387	First Unique Character in a String	47. 3 %	Easy	

388	Longest Absolute File Path	37. 6 %	Medium	
389	Find the Difference	51. 6 %	Easy	
391	Perfect Rectangle	27. 5 %	Hard	
393	UTF-8 Validation	34. 8 %	Medium	
394	Decode String	42. 1 %	Medium	
397	Integer Replacement	30. 5 %	Medium	
399	Evaluate Division	42. 7 %	Medium	
400	Nth Digit	30. 0 %	Easy	
401	Binary Watch	44. 8 %	Easy	

402	Remove K Digits	25. 8 %	Medium	
406	Queue Reconstruction by Height	56. 6 %	Medium	
407	Trapping Rain Water II	37. 7 %	Hard	
408	Valid Word Abbreviation	28. 4 %	Easy	
409	Longest Palindrome	46. 1 %	Easy	
411	Minimum Unique Word Abbreviation	33. 8 %	Hard	
415	Add Strings	41. 8 %	Easy	
417	Pacific Atlantic Water Flow	35. 0 %	Medium	
418	Sentence Screen Fitting	28. 4 %	Medium	

421	Maximum XOR of Two Numbers in an Array	48. 2 %	Medium	
422	Valid Word Square	36. 4 %	Easy	
425	Word Squares	42. 8 %	Hard	
444	Sequence Reconstruction	19. 6 %	Medium	
447	Number of Boomerangs	47. 0 %	Easy	
448	Find All Numbers Disappeared in an Array	51. 2 %	Easy	
451	Sort Characters By Frequency	52. 1 %	Medium	
459	Repeated Substring Pattern	38. 3 %	Easy	
460	LFU Cache	25. 4 %	Hard	

463	Island Perimeter	58. 3 %	Easy	
465	Optimal Account Balancing	39. 6 %	Hard	
469	Convex Polygon	34. 7 %	Medium	
471	Encode String with Shortest Length	43. 4 %	Hard	
474	Ones and Zeroes	38. 8 %	Medium	
475	Heaters	29. 8 %	Easy	
480	Sliding Window Median	30. 8 %	Hard	
481	Magical String	45. 8 %	Medium	
482	License Key Formatting	39. 4 %	Easy	

483	Smallest Good Base	34.0 %	Hard	
484	Find Permutation	55.5 %	Medium	
485	Max Consecutive Ones	53.8 %	Easy	
486	Predict the Winner	45.4 %	Medium	
487	Max Consecutive Ones II	45.5 %	Medium	
490	The Maze	43.8 %	Medium	
493	Reverse Pairs	20.6 %	Hard	
494	Target Sum	43.9 %	Medium	
498	Diagonal Traverse	45.3 %	Medium	

501	Find Mode in Binary Search Tree	37. 7 %	Easy	
503	Next Greater Element II	48. 0 %	Medium	
505	The Maze II	38. 7 %	Medium	
506	Relative Ranks	47. 1 %	Easy	
514	Freedom Trail	39. 4 %	Hard	
520	Detect Capital	51. 9 %	Easy	
521	Longest Uncommon Subsequence I	55. 7 %	Easy	
522	Longest Uncommon Subsequence II	32. 0 %	Medium	
524	Longest Word in Dictionary through Deleting	43. 4 %	Medium	

526	Beautiful Arrangement	53.2%	Medium	
527	Word Abbreviation	44.1%	Hard	
530	Minimum Absolute Difference in BST	47.8%	Easy	
531	Lonely Pixel I	56.4%	Medium	
533	Lonely Pixel II	45.4%	Medium	
535	Encode and Decode TinyURL	74.0%	Medium	
541	Reverse String II	44.0%	Easy	
542	01 Matrix	33.1%	Medium	
543	Diameter of Binary Tree	45.0%	Easy	

544	Output Contest Matches	71. 3 %	Medium	
545	Boundary of Binary Tree	32. 7 %	Medium	
549	Binary Tree Longest Consecutive Sequence II	42. 9 %	Medium	
551	Student Attendance Record I	44. 8 %	Easy	
552	Student Attendance Record II	31. 7 %	Hard	
560	Subarray Sum Equals K	39. 9 %	Medium	
562	Longest Line of Consecutive One in Matrix	41. 1 %	Medium	
568	Maximum Vacation Days	36. 5 %	Hard	
569	Median Employee Salary	38. 8 %	Hard	

581	Shortest Unsorted Continuous Subarray	29. 4 %	Easy	
583	Delete Operation for Two Strings	44. 7 %	Medium	
587	Erect the Fence	33. 7 %	Hard	
604	Design Compressed String Iterator	33. 4 %	Easy	
616	Add Bold Tag in String	37. 9 %	Medium	
638	Shopping Offers	45. 9 %	Medium	
643	Maximum Average Subarray I	37. 8 %	Easy	
644	Maximum Average Subarray II	25. 1 %	Hard	
651	4 Keys Keyboard	49. 6 %	Medium	

652	Find Duplicate Subtrees	37.4%	Medium	
656	Coin Path	25.5%	Hard	
657	Judge Route Circle	68.6%	Easy	
658	Find K Closest Elements	34.7%	Medium	
659	Split Array into Consecutive Subsequences	37.1%	Medium	
665	Non-decreasing Array	20.0%	Easy	
667	Beautiful Arrangement II	51.2%	Medium	
668	Kth Smallest Number in Multiplication Table	40.7%	Hard	
676	Implement Magic Dictionary	49.1%	Medium	

679	24 Game	38. 8 %	Hard	
681	Next Closest Time	41. 6 %	Medium	
683	K Empty Slots	33. 6 %	Hard	
684	Redundant Connection	44. 4 %	Medium	
685	Redundant Connection II	27. 6 %	Hard	
686	Repeated String Match	31. 5 %	Easy	
687	Longest Univalue Path	32. 8 %	Easy	
689	Maximum Sum of 3 Non-Overlapping Subarrays	41. 4 %	Hard	
719	Find K-th Smallest Pair Distance	27. 6 %	Hard	

726	Number of Atoms	43. 4 %	Hard	
727	Minimum Window Subsequence	31. 1 %	Hard	
729	My Calendar I	42. 7 %	Medium	
731	My Calendar II	38. 1 %	Medium	
732	My Calendar III	49. 7 %	Hard	
734	Sentence Similarity	38. 9 %	Easy	
737	Sentence Similarity II	40. 3 %	Medium	
739	Daily Temperatures	53. 3 %	Medium	
747	Largest Number At Least Twice of Others	41. 1 %	Easy	

748	Shortest Completing Word	52. 0 %	Medium	
753	Cracking the Safe	40. 7 %	Hard	
756	Pyramid Transition Matrix	46. 9 %	Medium	
758	Bold Words in String	38. 7 %	Easy	
760	Find Anagram Mappings	76. 3 %	Easy	
765	Couples Holding Hands	48. 4 %	Hard	
766	Toeplitz Matrix	57. 9 %	Easy	
768	Max Chunks To Make Sorted II	43. 3 %	Hard	
769	Max Chunks To Make Sorted	48. 0 %	Medium	

774	Minimize Max Distance to Gas Station	32. 8 %	Hard	
777	Swap Adjacent in LR String	28. 9 %	Medium	
778	Swim in Rising Water	44. 5 %	Hard	
779	K-th Symbol in Grammar	37. 3 %	Medium	
780	Reaching Points	23. 9 %	Hard	
782	Transform to Chessboard	37. 4 %	Hard	
783	Minimum Distance Between BST Nodes	47. 9 %	Easy	
788	Rotated Digits	51. 0 %	Easy	
789	Escape The Ghosts	51. 1 %	Medium	

790	Domino and Tromino Tiling	32. 9 %	Medium	
792	Number of Matching Subsequences	36. 5 %	Medium	
800	Similar RGB Color	53. 7 %	Easy	
802	Find Eventual Safe States	38. 1 %	Medium	
803	Bricks Falling When Hit	22. 8 %	Hard	
808	Soup Servings	33. 0 %	Medium	
809	Expressive Words	36. 9 %	Medium	
812	Largest Triangle Area	53. 1 %	Easy	
813	Largest Sum of Averages	40. 9 %	Medium	

815	Bus Routes	32. 4 %	Hard	
816	Ambiguous Coordinates	41. 6 %	Medium	
817	Linked List Components	50. 5 %	Medium	
818	Race Car	27. 2 %	Hard	
830	Positions of Large Groups	46. 8 %	Easy	
832	Flipping an Image	70. 2 %	Easy	
833	Find And Replace in String	37. 9 %	Medium	
834	Sum of Distances in Tree	31. 5 %	Hard	
835	Image Overlap	36. 0 %	Medium	

837	New 21 Game	25. 3 %	Medium	
838	Push Dominoes	39. 7 %	Medium	
839	Similar String Groups	34. 6 %	Hard	
840	Magic Squares In Grid	33. 8 %	Easy	
841	Keys and Rooms	58. 1 %	Medium	
843	Guess the Word	33. 7 %	Hard	
844	Backspace String Compare	47. 2 %	Easy	
845	Longest Mountain in Array	30. 4 %	Medium	
847	Shortest Path Visiting All Nodes	39. 6 %	Hard	

849	Maximize Distance to Closest Person	39. 5 %	Easy	
852	Peak Index in a Mountain Array	70. 5 %	Easy	
853	Car Fleet	28. 5 %	Medium	
854	K-Similar Strings	30. 3 %	Hard	
855	Exam Room New	29. 7 %	Medium	