



# Microsoft

**TAGGED PROBLEMS FROM**



## LeetCode

**MUST SAVE AND SHARE**



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@sahebCSE



# SDE SHEET (for Microsoft)

Questions asked in Last 6 Months

Total Question : 373

Difficulty: Arranged in ascending order

#	Title	Acceptance	Difficulty
1512	Number of Good Pairs	88.0%	Easy
1342	Number of Steps to Reduce a Number to Zero	86.0%	Easy
557	Reverse Words in a String III	79.2%	Easy
1304	Find N Unique Integers Sum up to Zero	77.0%	Easy
905	Sort Array By Parity	75.7%	Easy
344	Reverse String	75.2%	Easy
359	Logger Rate Limiter	75.2%	Easy
1351	Count Negative Numbers in a Sorted Matrix	75.2%	Easy
876	Middle of the Linked List	72.9%	Easy
237	Delete Node in a Linked List	72.4%	Easy

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104	Maximum Depth of Binary Tree	72.2%	Easy
226	Invert Binary Tree	72.0%	Easy
977	Squares of a Sorted Array	71.7%	Easy
94	Binary Tree Inorder Traversal	71.2%	Easy
1047	Remove All Adjacent Duplicates In String	70.9%	Easy
206	Reverse Linked List	70.8%	Easy
496	Next Greater Element I	70.4%	Easy
136	Single Number	69.6%	Easy
349	Intersection of Two Arrays	69.4%	Easy
637	Average of Levels in Binary Tree	68.9%	Easy
509	Fibonacci Number	68.3%	Easy
412	Fizz Buzz	67.1%	Easy
1822	Sign of the Product of an Array	67.1%	Easy
705	Design HashSet	66.3%	Easy
118	Pascal's Triangle	65.5%	Easy
706	Design HashMap	65.2%	Easy
169	Majority Element	63.2%	Easy

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1763	Longest Nice Substring	61.9%	Easy
242	Valid Anagram	61.7%	Easy
217	Contains Duplicate	61.0%	Easy
171	Excel Sheet Column Number	60.8%	Easy
283	Move Zeroes	60.8%	Easy
21	Merge Two Sorted Lists	60.7%	Easy
268	Missing Number	60.6%	Easy
448	Find All Numbers Disappeared in an Array	59.2%	Easy
257	Binary Tree Paths	59.1%	Easy
119	Pascal's Triangle II	58.1%	Easy
13	Roman to Integer	57.9%	Easy
387	First Unique Character in a String	57.4%	Easy
292	Nim Game	55.6%	Easy
1539	Kth Missing Positive Number	55.6%	Easy
704	Binary Search	55.2%	Easy
703	Kth Largest Element in a Stream	55.0%	Easy

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543	Diameter of Binary Tree	54.7%	Easy
1275	Find Winner on a Tic Tac Toe Game	54.6%	Easy
661	Image Smoother	54.5%	Easy
121	Best Time to Buy and Sell Stock	54.2%	Easy
993	Cousins in Binary Tree	53.9%	Easy
415	Add Strings	52.3%	Easy
101	Symmetric Tree	51.9%	Easy
160	Intersection of Two Linked Lists	51.6%	Easy
70	Climbing Stairs	51.2%	Easy
155	Min Stack	50.6%	Easy
190	Reverse Bits	49.7%	Easy
53	Maximum Subarray	49.6%	Easy
26	Remove Duplicates from Sorted Array	49.3%	Easy
83	Remove Duplicates from Sorted List	49.2%	Easy
1	Two Sum	48.7%	Easy
234	Palindrome Linked List	47.1%	Easy
628	Maximum Product of Three Numbers	46.7%	Easy

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2259	Remove Digit From Number to Maximize	46.7%	Easy
	Result		
141	Linked List Cycle	46.1%	Easy
112	Path Sum	45.9%	Easy
572	Subtree of Another Tree	45.5%	Easy
716	Max Stack	45.2%	Easy
88	Merge Sorted Array	44.9%	Easy
203	Remove Linked List Elements	43.8%	Easy
125	Valid Palindrome	42.2%	Easy
205	Isomorphic Strings	42.2%	Easy
278	First Bad Version	42.0%	Easy
20	Valid Parentheses	40.9%	Easy
219	Contains Duplicate II	40.7%	Easy
14	Longest Common Prefix	39.7%	Easy
680	Valid Palindrome II	39.4%	Easy
58	Length of Last Word	38.3%	Easy
69	Sqrt(x)	36.6%	Easy

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28	Implement strStr()	36.3%	Easy
168	Excel Sheet Column Title	34.1%	Easy
1570	Dot Product of Two Sparse Vectors	90.2%	Medium
1329	Sort the Matrix Diagonally	81.4%	Medium
1008	Construct Binary Search Tree from Preorder Traversal	80.4%	Medium
1762	Buildings With an Ocean View	79.7%	Medium
366	Find Leaves of Binary Tree	79.0%	Medium
1650	Lowest Common Ancestor of a Binary Tree III	77.4%	Medium
921	Minimum Add to Make Parentheses Valid	76.9%	Medium
419	Battleships in a Board	73.9%	Medium
1448	Count Good Nodes in Binary Tree	73.0%	Medium
46	Permutations	72.9%	Medium
442	Find All Duplicates in an Array	72.7%	Medium
78	Subsets	72.0%	Medium
979	Distribute Coins in Binary Tree	71.7%	Medium

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986	Interval List Intersections	71.3%	Medium
22	Generate Parentheses	70.5%	Medium
695	Max Area of Island	70.1%	Medium
1884	Egg Drop With 2 Eggs and N Floors	70.0%	Medium
1836	Remove Duplicates From an Unsorted Linked List	69.1%	Medium
1244	Design A Leaderboard	68.2%	Medium
230	Kth Smallest Element in a BST	68.0%	Medium
451	Sort Characters By Frequency	68.0%	Medium
1963	Minimum Number of Swaps to Make the String Balanced	67.8%	Medium
173	Binary Search Tree Iterator	67.7%	Medium
362	Design Hit Counter	67.6%	Medium
582	Kill Process	67.4%	Medium
48	Rotate Image	67.3%	Medium
739	Daily Temperatures	67.3%	Medium
669	Trim a Binary Search Tree	66.3%	Medium

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39	Combination Sum	66.1%	Medium
973	K Closest Points to Origin	65.9%	Medium
1236	Web Crawler	65.8%	Medium
1190	Reverse Substrings Between Each Pair of Parentheses	65.8%	Medium
1249	Minimum Remove to Make Valid Parentheses	65.7%	Medium
289	Game of Life	65.6%	Medium
347	Top K Frequent Elements	65.0%	Medium
529	Minesweeper	64.9%	Medium
49	Group Anagrams	64.6%	Medium
77	Combinations	64.5%	Medium
426	Convert Binary Search Tree to Sorted Doubly Linked List	64.5%	Medium
238	Product of Array Except Self	64.2%	Medium
215	Kth Largest Element in an Array	63.9%	Medium
1011	Capacity To Ship Packages Within D Days	63.8%	Medium

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1254	Number of Closed Islands	63.6%	Medium
1344	Angle Between Hands of a Clock	63.4%	Medium
1004	Max Consecutive Ones III	63.1%	Medium
1306	Jump Game III	62.9%	Medium
122	Best Time to Buy and Sell Stock II	62.3%	Medium
1166	Design File System	61.8%	Medium
323	Number of Connected Components in an Undirected Graph	61.4%	Medium
510	Inorder Successor in BST II	61.4%	Medium
684	Redundant Connection	61.4%	Medium
863	All Nodes Distance K in Binary Tree	61.4%	Medium
102	Binary Tree Level Order Traversal	61.3%	Medium
1578	Minimum Time to Make Rope Colorful	61.3%	Medium
341	Flatten Nested List Iterator	60.9%	Medium
636	Exclusive Time of Functions	60.5%	Medium
62	Unique Paths	60.4%	Medium
694	Number of Distinct Islands	60.1%	Medium

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199	Binary Tree Right Side View	59.9%	Medium
378	Kth Smallest Element in a Sorted Matrix	59.9%	Medium
12	Integer to Roman	59.7%	Medium
64	Minimum Path Sum	59.7%	Medium
516	Longest Palindromic Subsequence	59.7%	Medium
286	Walls and Gates	59.6%	Medium
24	Swap Nodes in Pairs	59.1%	Medium
926	Flip String to Monotone Increasing	59.1%	Medium
1143	Longest Common Subsequence	59.0%	Medium
287	Find the Duplicate Number	58.9%	Medium
445	Add Two Numbers II	58.9%	Medium
208	Implement Trie (Prefix Tree)	58.8%	Medium
1267	Count Servers that Communicate	58.7%	Medium
540	Single Element in a Sorted Array	58.6%	Medium
114	Flatten Binary Tree to Linked List	58.3%	Medium
105	Construct Binary Tree from Preorder and Inorder Traversal	58.2%	Medium

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1094	Car Pooling	57.9%	Medium
116	Populating Next Right Pointers in Each Node	57.7%	Medium
1653	Minimum Deletions to Make String Balanced	57.6%	Medium
129	Sum Root to Leaf Numbers	57.4%	Medium
348	Design Tic-Tac-Toe	57.3%	Medium
1615	Maximal Network Rank	57.3%	Medium
462	Minimum Moves to Equal Array Elements II	57.2%	Medium
498	Diagonal Traverse	57.2%	Medium
1405	Longest Happy String	56.8%	Medium
394	Decode String	56.5%	Medium
449	Serialize and Deserialize BST	56.4%	Medium
1647	Minimum Deletions to Make Character Frequencies Unique	56.4%	Medium
1209	Remove All Adjacent Duplicates in String II	56.2%	Medium

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109	Convert Sorted List to Binary Search Tree	56.0%	Medium
236	Lowest Common Ancestor of a Binary Tree	55.8%	Medium
47	Permutations II	55.7%	Medium
36	Valid Sudoku	55.5%	Medium
75	Sort Colors	55.4%	Medium
250	Count Univalued Subtrees	54.9%	Medium
490	The Maze	54.9%	Medium
17	Letter Combinations of a Phone Number	54.5%	Medium
692	Top K Frequent Words	54.5%	Medium
113	Path Sum II	54.4%	Medium
200	Number of Islands	54.4%	Medium
11	Container With Most Water	54.0%	Medium
103	Binary Tree Zigzag Level Order Traversal	54.0%	Medium
934	Shortest Bridge	53.1%	Medium
159	Longest Substring with At Most Two Distinct Characters	52.9%	Medium

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120	Triangle	52.7%	Medium
40	Combination Sum II	52.6%	Medium
981	Time Based Key-Value Store	52.6%	Medium
148	Sort List	52.5%	Medium
881	Boats to Save People	52.5%	Medium
279	Perfect Squares	52.0%	Medium
1775	Equal Sum Arrays With Minimum Number of Operations	52.0%	Medium
994	Rotting Oranges	51.9%	Medium
380	Insert Delete GetRandom O(1)	51.5%	Medium
505	The Maze II	51.5%	Medium
186	Reverse Words in a String II	51.4%	Medium
314	Binary Tree Vertical Order Traversal	51.4%	Medium
1404	Number of Steps to Reduce a Number in Binary Representation to One	50.9%	Medium
486	Predict the Winner	50.4%	Medium
743	Network Delay Time	50.4%	Medium

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95	Unique Binary Search Trees II	50.0%	Medium
437	Path Sum III	50.0%	Medium
253	Meeting Rooms II	49.9%	Medium
300	Longest Increasing Subsequence	49.8%	Medium
377	Combination Sum IV	49.7%	Medium
1541	Minimum Insertions to Balance a Parentheses String	49.4%	Medium
450	Delete Node in a BST	49.2%	Medium
99	Recover Binary Search Tree	49.0%	Medium
73	Set Matrix Zeroes	48.8%	Medium
128	Longest Consecutive Sequence	48.8%	Medium
622	Design Circular Queue	48.8%	Medium
117	Populating Next Right Pointers in Each Node II	48.7%	Medium
138	Copy List with Random Pointer	48.7%	Medium
143	Reorder List	48.7%	Medium
240	Search a 2D Matrix II	48.7%	Medium

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435	Non-overlapping Intervals	48.6%	Medium
2096	Step-By-Step Directions From a Binary Tree Node to Another	48.6%	Medium
438	Find All Anagrams in a String	48.5%	Medium
133	Clone Graph	48.4%	Medium
153	Find Minimum in Rotated Sorted Array	48.1%	Medium
443	String Compression	47.8%	Medium
886	Possible Bipartition	47.7%	Medium
184	Department Highest Salary	47.6%	Medium
198	House Robber	47.6%	Medium
285	Inorder Successor in BST	47.5%	Medium
319	Bulb Switcher	47.5%	Medium
340	Longest Substring with At Most K Distinct Characters	47.5%	Medium
849	Maximize Distance to Closest Person	47.5%	Medium
967	Numbers With Same Consecutive Differences	47.5%	Medium
16	3Sum Closest	47.0%	Medium

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210	Course Schedule II	46.9%	Medium
277	Find the Celebrity	46.9%	Medium
1546	Maximum Number of Non-Overlapping Subarrays With Sum Equals Target	46.9%	Medium
470	Implement Rand10() Using Rand7()	46.8%	Medium
416	Partition Equal Subset Sum	46.5%	Medium
525	Contiguous Array	46.5%	Medium
681	Next Closest Time	46.4%	Medium
528	Random Pick with Weight	46.2%	Medium
261	Graph Valid Tree	46.1%	Medium
1774	Closest Dessert Cost	46.1%	Medium
1156	Swap For Longest Repeated Character Substring	46.0%	Medium
1642	Furthest Building You Can Reach	45.3%	Medium
56	Merge Intervals	45.2%	Medium
74	Search a 2D Matrix	45.1%	Medium
207	Course Schedule	45.1%	Medium

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139	Word Break	44.8%	Medium
82	Remove Duplicates from Sorted List II	44.6%	Medium
395	Longest Substring with At Least K Repeating Characters	44.6%	Medium
134	Gas Station	44.5%	Medium
567	Permutation in String	44.4%	Medium
1091	Shortest Path in Binary Matrix	44.4%	Medium
735	Asteroid Collision	44.3%	Medium
560	Subarray Sum Equals K	44.2%	Medium
316	Remove Duplicate Letters	44.0%	Medium
211	Design Add and Search Words Data Structure	43.9%	Medium
542	01 Matrix	43.9%	Medium
593	Valid Square	43.9%	Medium
209	Minimum Size Subarray Sum	43.7%	Medium
221	Maximal Square	43.7%	Medium
92	Reverse Linked List II	43.6%	Medium

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545	Boundary of Binary Tree	43.5%	Medium
150	Evaluate Reverse Polish Notation	43.1%	Medium
229	Majority Element II	42.8%	Medium
984	String Without AAA or BBB	42.6%	Medium
93	Restore IP Addresses	42.2%	Medium
54	Spiral Matrix	41.9%	Medium
227	Basic Calculator II	41.7%	Medium
322	Coin Change	40.7%	Medium
909	Snakes and Ladders	40.6%	Medium
34	Find First and Last Position of Element in Sorted Array	40.3%	Medium
662	Maximum Width of Binary Tree	40.3%	Medium
146	LRU Cache	40.1%	Medium
1386	Cinema Seat Allocation	40.0%	Medium
845	Longest Mountain in Array	39.9%	Medium
79	Word Search	39.8%	Medium
2	Add Two Numbers	38.9%	Medium

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189	Rotate Array	38.7%	Medium
19	Remove Nth Node From End of List	38.6%	Medium
63	Unique Paths II	38.6%	Medium
33	Search in Rotated Sorted Array	38.0%	Medium
43	Multiply Strings	38.0%	Medium
274	H-Index	37.8%	Medium
57	Insert Interval	37.6%	Medium
18	4Sum	37.5%	Medium
45	Jump Game II	37.5%	Medium
1146	Snapshot Array	37.1%	Medium
1477	Find Two Non-overlapping Sub-arrays Each With Target Sum	36.9%	Medium
31	Next Permutation	36.6%	Medium
581	Shortest Unsorted Continuous Subarray	36.1%	Medium
787	Cheapest Flights Within K Stops	35.9%	Medium
475	Heaters	35.5%	Medium
794	Valid Tic-Tac-Toe State	35.2%	Medium

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61	Rotate List	35.1%	Medium
1487	Making File Names Unique	35.1%	Medium
165	Compare Version Numbers	34.8%	Medium
152	Maximum Product Subarray	34.6%	Medium
708	Insert into a Sorted Circular Linked List	34.4%	Medium
907	Sum of Subarray Minimums	34.0%	Medium
556	Next Greater Element III	33.9%	Medium
3	Longest Substring Without Repeating Characters	33.4%	Medium
179	Largest Number	33.2%	Medium
204	Count Primes	33.0%	Medium
50	Pow(x, n)	32.5%	Medium
5	Longest Palindromic Substring	32.2%	Medium
1986	Minimum Number of Work Sessions to Finish the Tasks	32.1%	Medium
15	3Sum	31.4%	Medium
98	Validate Binary Search Tree	30.7%	Medium

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91	Decode Ways	30.6%	Medium
402	Remove K Digits	30.5%	Medium
151	Reverse Words in a String	29.0%	Medium
707	Design Linked List	27.1%	Medium
7	Reverse Integer	26.8%	Medium
468	Validate IP Address	26.3%	Medium
192	Word Frequency	25.6%	Medium
166	Fraction to Recurring Decimal	23.7%	Medium
29	Divide Two Integers	17.5%	Medium
8	String to Integer (atoi)	16.6%	Medium
759	Employee Free Time	71.3%	Hard
428	Serialize and Deserialize N-ary Tree	64.6%	Hard
847	Shortest Path Visiting All Nodes	61.4%	Hard
51	N-Queens	60.6%	Hard
296	Best Meeting Point	59.5%	Hard
42	Trapping Rain Water	57.0%	Hard
312	Burst Balloons	56.5%	Hard

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37	Sudoku Solver	54.7%	Hard
297	Serialize and Deserialize Binary Tree	54.1%	Hard
768	Max Chunks To Make Sorted II	52.2%	Hard
25	Reverse Nodes in k-Group	51.7%	Hard
72	Edit Distance	51.3%	Hard
1032	Stream of Characters	51.3%	Hard
995	Minimum Number of K Consecutive Bit Flips	51.0%	Hard
1235	Maximum Profit in Job Scheduling	50.9%	Hard
295	Find Median from Data Stream	50.5%	Hard
588	Design In-Memory File System	48.5%	Hard
642	Design Search Autocomplete System	48.4%	Hard
1326	Minimum Number of Taps to Open to Water a Garden	48.0%	Hard
772	Basic Calculator III	47.8%	Hard
23	Merge k Sorted Lists	47.4%	Hard
239	Sliding Window Maximum	46.3%	Hard

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815	Bus Routes	45.3%	Hard
568	Maximum Vacation Days	44.6%	Hard
1293	Shortest Path in a Grid with Obstacles Elimination	43.6%	Hard
472	Concatenated Words	43.5%	Hard
968	Binary Tree Cameras	43.5%	Hard
317	Shortest Distance from All Buildings	43.2%	Hard
403	Frog Jump	43.0%	Hard
843	Guess the Word	42.8%	Hard
1723	Find Minimum Time to Finish All Jobs	42.8%	Hard
140	Word Break II	42.6%	Hard
315	Count of Smaller Numbers After Self	42.0%	Hard
987	Vertical Order Traversal of a Binary Tree	41.8%	Hard
84	Largest Rectangle in Histogram	41.1%	Hard
158	Read N Characters Given read4 II - Call Multiple Times	41.1%	Hard
480	Sliding Window Median	41.1%	Hard

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224	Basic Calculator	40.7%	Hard
460	LFU Cache	39.7%	Hard
517	Super Washing Machines	39.6%	Hard
76	Minimum Window Substring	39.3%	Hard
218	The Skyline Problem	38.9%	Hard
124	Binary Tree Maximum Path Sum	37.8%	Hard
212	Word Search II	37.7%	Hard
358	Rearrange String k Distance Apart	37.2%	Hard
41	First Missing Positive	36.1%	Hard
127	Word Ladder	35.7%	Hard
68	Text Justification	35.6%	Hard
269	Alien Dictionary	35.0%	Hard
4	Median of Two Sorted Arrays	34.4%	Hard
233	Number of Digit One	33.8%	Hard
32	Longest Valid Parentheses	32.3%	Hard
1044	Longest Duplicate Substring	31.0%	Hard
493	Reverse Pairs	30.2%	Hard

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273	Integer to English Words	29.7%	Hard
10	Regular Expression Matching	28.3%	Hard
30	Substring with Concatenation of All Words	28.3%	Hard
126	Word Ladder II	27.2%	Hard
44	Wildcard Matching	26.6%	Hard
149	Max Points on a Line	20.8%	Hard
2035	Partition Array Into Two Arrays to Minimize Sum Difference	20.3%	Hard

