Microsoft

tagged **LeetCode**

questions Which is asked in the last **6** months

(March22 – Aug22)

This pdf contains **Microsoft** tagged questions

from LC premium account , sorted according to frequency of asked, also they are links so just click and solve.

Good Luck

#	Title	Tags	Acceptance	Difficulty
1386	Cinema Seat Allocation	ArrayHash TableGreedyBit Manipulation	40.70%	Medium
1405	Longest Happy String	StringGreedyHeap (Priority Queue)	57.20%	Medium
1822	Sign of the Product of an Array	ArrayMath	66.60%	Easy
1304	Find N Unique Integers Sum up to Zero	ArrayMath	77.10%	Easy
1615	Maximal Network Rank	Graph	57.80%	Medium
1404	Number of Steps to Reduce a Number in Binary Representation to One	StringBit Manipulation	51.70%	Medium
1578	Minimum Time to Make Rope Colorful	ArrayStringDynamic ProgrammingGreedy	61.20%	Medium
1647	Minimum Deletions to Make Character Frequencies Unique	StringGreedySorting	59.30%	Medium
146	LRU Cache	Hash TableLinked ListDesignDoubly-Linked List	40.60%	Medium
273	Integer to English Words	MathStringRecursion	29.80%	Hard
1775	Equal Sum Arrays With Minimum Number of Operations	ArrayHash TableGreedyCounting	52.20%	Medium
591	Tag Validator	StringStack	37.00%	Hard
1653	Minimum Deletions to Make String Balanced	StringDynamic ProgrammingStack	58.30%	Medium
2246	Longest Path With Different Adjacent Characters	ArrayStringTreeDepth-First SearchGraphTopological Sort	44.30%	Hard

#	Title	Tags	Acceptance	Difficulty
768	[Max Chunks To Make Sorted II](#)	ArrayStackGreedySortingMonotonic Stack	52.50%	Hard
17	[Letter Combinations of a Phone Number](#)	Hash TableStringBacktracking	55.20%	Medium
1239	[Maximum Length of a Concatenated String with Unique Characters](#)	ArrayStringBacktrackingBit Manipulation	50.60%	Medium
200	[Number of Islands](#)	ArrayDepth-First SearchBreadth-First SearchUnion FindMatrix	55.80%	Medium
1267	[Count Servers that Communicate](#)	ArrayDepth-First SearchBreadth-First SearchUnion FindMatrixCounting	59.00%	Medium
2259	[Remove Digit From Number to Maximize Result](#)	StringGreedyEnumeration	46.90%	Easy
1275	[Find Winner on a Tic Tac Toe Game](#)	ArrayHash TableMatrixSimulation	54.40%	Easy
498	[Diagonal Traverse](#)	ArrayMatrixSimulation	57.70%	Medium
588	[Design In-Memory File System](#)	Hash TableStringDesignTrie	48.70%	Hard
2035	[Partition Array Into Two Arrays to Minimize Sum Difference](#)	ArrayTwo PointersBinary SearchDynamic ProgrammingBit ManipulationOrdered SetBitmask	18.00%	Hard
1236	[Web Crawler](#)	StringDepth-First SearchBreadth-First SearchInteractive	66.10%	Medium
1541	[Minimum Insertions to Balance a Parentheses String](#)	StringStackGreedy	49.70%	Medium
1487	[Making File Names Unique](#)	ArrayHash TableString	35.50%	Medium
510	[Inorder Successor in BST II](#)	TreeBinary Search TreeBinary Tree	61.20%	Medium
43	[Multiply Strings](#)	MathStringSimulation	38.50%	Medium

#	Title	Tags	Acceptance	Difficulty
25	Reverse Nodes in k-Group	Linked ListRecursion	52.90%	Hard
1031	Maximum Sum of Two Non-Overlapping Subarrays	ArrayDynamic ProgrammingSliding Window	59.40%	Medium
285	Inorder Successor in BST	TreeDepth-First SearchBinary Search TreeBinary Tree	48.00%	Medium
224	Basic Calculator	MathStringStackRecursion	41.00%	Hard
1774	Closest Dessert Cost	ArrayDynamic ProgrammingBacktracking	46.70%	Medium
151	Reverse Words in a String	Two PointersString	29.80%	Medium
297	Serialize and Deserialize Binary Tree	StringTreeDepth-First SearchBreadth-First SearchDesignBinary Tree	54.70%	Hard
10	Regular Expression Matching	StringDynamic ProgrammingRecursion	28.30%	Hard
453	Minimum Moves to Equal Array Elements	ArrayMath	55.30%	Medium
380	Insert Delete GetRandom O(1)	ArrayHash TableMathDesignRandomized	51.80%	Medium
358	Rearrange String k Distance Apart	Hash TableStringGreedySortingHeap (Priority Queue)Counting	37.40%	Hard
460	LFU Cache	Hash TableLinked ListDesignDoubly-Linked List	40.10%	Hard
849	Maximize Distance to Closest Person	Array	47.50%	Medium
545	Boundary of Binary Tree	TreeDepth-First SearchBinary Tree	44.10%	Medium
79	Word Search	ArrayBacktrackingMatrix	40.00%	Medium

#	Title	Tags	Acceptance	Difficulty
317	Shortest Distance from All Buildings	ArrayBreadth-First SearchMatrix	43.10%	Hard
54	Spiral Matrix	ArrayMatrixSimulation	43.10%	Medium
210	Course Schedule II	Depth-First SearchBreadth-First SearchGraphTopological Sort	47.60%	Medium
186	Reverse Words in a String II	Two PointersString	52.00%	Medium
468	Validate IP Address	String	26.40%	Medium
443	String Compression	Two PointersString	48.30%	Medium
166	Fraction to Recurring Decimal	Hash TableMathString	23.90%	Medium
348	Design Tic-Tac-Toe	ArrayHash TableDesignMatrix	57.50%	Medium
277	Find the Celebrity	Two PointersGreedyGraphInteractive	46.90%	Medium
42	Trapping Rain Water	ArrayTwo PointersDynamic ProgrammingStackMonotonic Stack	57.90%	Hard
1344	Angle Between Hands of a Clock	Math	63.40%	Medium
1546	Maximum Number of Non-Overlapping Subarrays With Sum Equals Target	ArrayHash TableGreedyPrefix Sum	47.20%	Medium
642	Design Search Autocomplete System	StringDesignTrieData Stream	48.60%	Hard
1986	Minimum Number of Work Sessions to Finish the Tasks	ArrayDynamic ProgrammingBacktrackingBit ManipulationBitmask	32.90%	Medium
44	Wildcard Matching	StringDynamic ProgrammingGreedyRecursion	26.80%	Hard
556	Next Greater Element III	MathTwo PointersString	34.00%	Medium
885	Spiral Matrix III	ArrayMatrixSimulation	72.80%	Medium

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274	H-Index	ArraySortingCounting Sort	38.00%	Medium
394	Decode String	StringStackRecursion	57.10%	Medium
426	Convert Binary Search Tree to Sorted Doubly Linked List	Linked ListStackTreeDepth-First SearchBinary Search TreeBinary TreeDoubly-Linked List	64.60%	Medium
1044	Longest Duplicate Substring	StringBinary SearchSliding WindowRolling HashSuffix ArrayHash Function	30.70%	Hard
103	Binary Tree Zigzag Level Order Traversal	TreeBreadth-First SearchBinary Tree	54.80%	Medium
49	Group Anagrams	ArrayHash TableStringSorting	65.50%	Medium
99	Recover Binary Search Tree	TreeDepth-First SearchBinary Search TreeBinary Tree	49.90%	Medium
2171	Removing Minimum Number of Magic Beans	ArraySortingPrefix Sum	41.70%	Medium
362	Design Hit Counter	ArrayHash TableBinary SearchDesignQueue	68.00%	Medium
127	Word Ladder	Hash TableStringBreadth-First Search	36.40%	Hard
359	Logger Rate Limiter	Hash TableDesign	75.40%	Easy
622	Design Circular Queue	ArrayLinked ListDesignQueue	49.00%	Medium
528	Random Pick with Weight	MathBinary SearchPrefix SumRandomized	46.20%	Medium
253	Meeting Rooms II	ArrayTwo PointersGreedySortingHeap (Priority Queue)	50.20%	Medium
212	Word Search II	ArrayStringBacktrackingTrieMatrix	37.20%	Hard
240	Search a 2D Matrix II	ArrayBinary SearchDivide and ConquerMatrix	50.30%	Medium

56	Merge Intervals	ArraySorting	45.70%	Medium
845	Longest Mountain in Array	ArrayTwo PointersDynamic ProgrammingEnumeration	40.10%	Medium
4	Median of Two Sorted Arrays	ArrayBinary SearchDivide and Conquer	34.90%	Hard
2134	Minimum Swaps to Group All 1's Together II	ArraySliding Window	49.50%	Medium
489	Robot Room Cleaner	BacktrackingInteractive	76.40%	Hard
934	Shortest Bridge	ArrayDepth-First SearchBreadth-First SearchMatrix	53.70%	Medium
1032	Stream of Characters	ArrayStringDesignTrieData Stream	51.50%	Hard
1712	Ways to Split Array Into Three Subarrays	ArrayTwo PointersBinary SearchPrefix Sum	32.40%	Medium
155	Min Stack	StackDesign	51.40%	Medium
15	3Sum	ArrayTwo PointersSorting	32.00%	Medium
863	All Nodes Distance K in Binary Tree	TreeDepth-First SearchBreadth-First SearchBinary Tree	61.90%	Medium
158	Read N Characters Given read4 II - Call Multiple Times	StringSimulationInteractive	41.30%	Hard
134	Gas Station	ArrayGreedy	44.90%	Medium
24	Swap Nodes in Pairs	Linked ListRecursion	59.90%	Medium
486	Predict the Winner	ArrayMathDynamic ProgrammingRecursionGame Theory	50.70%	Medium
23	Merge k Sorted Lists	Linked ListDivide and ConquerHeap (Priority Queue)Merge Sort	48.10%	Hard
129	Sum Root to Leaf Numbers	TreeDepth-First SearchBinary Tree	58.20%	Medium

#	Title	Tags	Acceptance	Difficulty
8	String to Integer (atoi)	String	16.60%	Medium
41	First Missing Positive	ArrayHash Table	36.40%	Hard
295	Find Median from Data Stream	Two PointersDesignSortingHeap (Priority Queue)Data Stream	51.00%	Hard
33	Search in Rotated Sorted Array	ArrayBinary Search	38.40%	Medium
560	Subarray Sum Equals K	ArrayHash TablePrefix Sum	44.10%	Medium
692	Top K Frequent Words	Hash TableStringTrieSortingHeap (Priority Queue)Bucket SortCounting	55.00%	Medium
836	Rectangle Overlap	MathGeometry	43.30%	Easy
1190	Reverse Substrings Between Each Pair of Parentheses	StringStack	65.90%	Medium
37	Sudoku Solver	ArrayBacktrackingMatrix	56.10%	Hard
451	Sort Characters By Frequency	Hash TableStringSortingHeap (Priority Queue)Bucket SortCounting	68.40%	Medium
1342	Number of Steps to Reduce a Number to Zero	MathBit Manipulation	85.70%	Easy
706	Design HashMap	ArrayHash TableLinked ListDesignHash Function	65.20%	Easy
269	Alien Dictionary	ArrayStringDepth-First SearchBreadth-First SearchGraphTopological Sort	35.20%	Hard
419	Battleships in a Board	ArrayDepth-First SearchMatrix	74.40%	Medium
1551	Minimum Operations to Make Array Equal	Math	81.00%	Medium
438	Find All Anagrams in a String	Hash TableStringSliding Window	48.80%	Medium

#	Title	Tags	Acceptance	Difficulty
368	Largest Divisible Subset	ArrayMathDynamic ProgrammingSorting	41.10%	Medium
428	Serialize and Deserialize N-ary Tree	StringTreeDepth-First SearchBreadth-First Search	65.00%	Hard
1884	Egg Drop With 2 Eggs and N Floors	MathDynamic Programming	70.30%	Medium
1146	Snapshot Array	ArrayHash TableBinary SearchDesign	37.30%	Medium
1326	Minimum Number of Taps to Open to Water a Garden	ArrayDynamic ProgrammingGreedy	47.80%	Hard
1763	Longest Nice Substring	Hash TableStringDivide and ConquerBit ManipulationSliding Window	61.70%	Easy
138	Copy List with Random Pointer	Hash TableLinked List	49.90%	Medium
1836	Remove Duplicates From an Unsorted Linked List	Hash TableLinked List	69.30%	Medium
886	Possible Bipartition	Depth-First SearchBreadth-First SearchUnion FindGraph	48.20%	Medium
843	Guess the Word	ArrayMathStringInteractiveGame Theory	42.30%	Hard

THANKS

Practice as much as you can