Share your learnings on LinkedIn, Twitter (X), Instagram, and Facebook(Meta) with hashtag #codestorywithmik & feel free to tag me.

instagram - @codestorywithmik
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Before you start, make sure you know how to get started with DSA (If you are a beginner) -

▶ Guidance | Q& A | Part-1 | Getting Started with DSA ? | Road…

DSU

Problem/Youtube Link	Level
DSU in Graph	**Concept Video**
DSU By Rank & Path Compression	**Concept Video**
Detect Cycle Using DSU	**Medium - GfG**
Number Of Good Paths	**Hard - Leetcode - 2421**
Greatest Common Divisor Traversal	**Hard - Leetcode - 2709**
Validate Binary Tree Nodes	**Medium - Leetcode - 1361**

Check Existence Of Edge Length Limited Paths	**Hard - Leetcode - 1697**
Count Unreachable Pairs Of Nodes in an Undirected Graph	**Medium - Leetcode - 2316**
Similar String Groups	**Hard - Leetcode - 839**
Minimum Cost Walk in Weighted Graph	**Hard - Leetcode - 3108**
DSY By Size & Path Compression	**Concept Video**

Design Data Structure

Problem/Youtube Link	Level
Insert Delete GetRandom O(1)	**Medium - Leetcode - 380**
LRU Cache	**Medium - Leetcode - 146**
LFU Cache	**Medium - Leetcode - 460**
Design Browser History	**Medium - Leetcode - 1472**
Design Add and Search Words Data Structure	**Medium - Leetcode - 211**
Design Parking System	**Easy - Leetcode - 1603**
Design HashSet	**Easy - Leetcode - 705**
Design Underground System	**Medium - Leetcode - 1396**
Snapshot Array	**Medium - Leetcode - 1146**
Implement Stack using Queues	**Easy - Leetcode - 225**
Design HashMap	**Easy - Leetcode - 706**
Flatten Nested List Iterator	**Medium - Leetcode - 341**

Seat Reservation Manager	**Medium - Leetcode - 1845**
Design a Food Rating System	**Medium - Leetcode - 2353**

RECURSION

Concepts Playlist - **Click - Pehle Concepts Seekhlo** ⬅

Problem/Youtube Link	Level
K-th Symbol in Grammar	**Medium - Leetcode - 779**
Construct String from Binary Tree	**Medium - Leetcode - 606**
Reverse a Stack	**Medium - GfG**
Tower Of Hanoi	**Medium - GfG**
Merge Sort	**Medium - GfG**
Quick Sort	**Medium - GfG**
Rat in a Maze Problem	**Medium - GfG**
Flatten BST to sorted list	**Medium - GfG**
Flattening a Linked List	**Medium - GfG**
Generate Parentheses	**Medium - Leetcode - 22**
Power Set	**Medium - GfG**
Permutations II	**Medium - Leetcode - 47**
Subsets	**Medium - Leetcode - 78**
N-Queens	**Hard - Leetcode - 51**

GREEDY

Problem/Youtube Link	Level
Bag of Tokens	Medium - Leetcode - 948
Boats to Save People	Medium - Leetcode - 881
Break a Palindrome	Medium - Leetcode - 1328
Broken Calculator	Medium - Leetcode - 991
Minimum Time to Make Rope Colorful	Medium - Leetcode - 1578
Earliest Possible Day of Full Bloom	Hard - Leetcode - 2136
Longest Palindrome by Concatenating Two Letter Words	Medium - Leetcode - 2131
Maximum 69 Number	Easy - Leetcode - 1323
Maximum Bags With Full Capacity of Rocks	Medium - Leetcode - 2279
Minimum Rounds to Complete All Tasks	Medium - Leetcode - 2244
Maximum Ice Cream Bars	Medium - Leetcode - 1833
Gas Station	Medium - Leetcode - 134
Optimal Partition of String	Medium - Leetcode - 2405
Dota2 Senate	Medium - Leetcode - 649
Minimum Replacements to Sort the Array	Hard - Leetcode - 2366
Minimum Number of Taps to Open to Water a Garden	Hard - Leetcode - 1326
Minimum Deletions to Make Character Frequencies Unique	Medium - Leetcode - 1647
CANDY	Hard - Leetcode - 135
Remove Colored Pieces if Both Neighbors are the Same Color	Medium - Leetcode - 2038
Maximum Score of a Good Subarray	Hard - Leetcode - 1793

Eliminate Maximum Number of Monsters	**Medium - Leetcode - 1921**
Maximum Element After Decreasing and Rearranging	**Medium - Leetcode - 1846**
Maximum Number of Coins You Can Get	**Medium - Leetcode - 1561**
Minimum Number of Operations to Make Array Empty	**Medium - Leetcode - 2870**
Water the plants	**Medium - GfG**
Find Polygon With the Largest Perimeter	**Medium - Leetcode - 2971**
Least Number of Unique Integers after K Removals	**Medium - Leetcode - 1481**
Furthest Building You Can Reach	**Medium - Leetcode - 1642**
Earliest Second to Mark Indices I	**Medium - Leetcode - 3048**

BACKTRACKING

Problem/Youtube Link	Level
Word Search	**Medium - Leetcode - 79**
Unique Paths III	**Hard - Leetcode - 980**
Non-decreasing Subsequences	**Medium - Leetcode - 491**
Palindrome Partitioning	**Medium - Leetcode - 131**
Fair Distribution of Cookies	**Medium - Leetcode - 2305**
Maximum Number of Achievable Transfer Requests	**Hard - Leetcode - 1601**
Combinations	**Medium - Leetcode - 77**

Permutations	**Medium - Leetcode - 46**
Letter Combinations of a Phone Number	**Medium - Leetcode - 17**
Combination Sum IV	**Medium - Leetcode - 377**

HEAP

Problem/Youtube Link	Level
Find Median from Data Stream	**Hard - Leetcode - 295**
Sort Characters By Frequency	**Medium - Leetcode - 451**
Remove Stones to Minimize the Total	**Medium - Leetcode - 1962**
Single-Threaded CPU	**Medium - Leetcode - 1834**
Last Stone Weight	**Easy - Leetcode - 1046**
Top K Frequent Elements	**Medium - Leetcode - 347**
Kth Largest Element in a Stream	**Easy - Leetcode - 703**
Maximum Subsequence Score	**Medium - Leetcode - 2542**
Total Cost to Hire K Workers	**Medium - Leetcode - 2462**
Find K Pairs with Smallest Sums - Brute Force	**Medium - Leetcode - 373**
Find K Pairs with Smallest Sums - Optimal	**Medium - Leetcode - 373**
Kth Largest Element in an Array	**Medium - Leetcode - 215**
Reorganize String	**Medium - Leetcode - 767**

STRINGS

Problem/Youtube Link	Level
String Compression	Medium - **Leetcode - 767**
Check if the Sentence Is Pangram	Easy - **Leetcode - 1832**
Count and Say	Medium - **Leetcode - 38**
Integer to Roman	Medium - **Leetcode - 12**
Check If Two String Arrays are Equivalent	Easy - **Leetcode - 1662**
Orderly Queue	Hard - **Leetcode - 899**
Make The String Great	Easy - **Leetcode - 1544**
Determine if String Halves Are Alike	Easy - **Leetcode-1704**
Determine if Two Strings Are Close	Medium - **Leetcode - 1657**
Detect Capital	Easy - **Leetcode-520**
Custom Sort String	Medium - **Leetcode - 791**
Shortest Uncommon Substring	Medium - **Leetcode - 3076**
Delete Columns to Make	Easy - **Leetcode - 944**
Restore IP Addresses	Medium - **Leetcode - 93**
Concatenated Words	Hard - **Leetcode - 472**
Find the Index of the First Occurrence in a String	Easy - **Leetcode-28**
Buddy Strings	Easy - **Leetcode-859**
Substring With Largest Variance	Hard - **Leetcode - 2272**
STAY TUNED 🙂....	

TRIE

Problem/Youtube Link	Level
Implement Trie	Medium - Leetcode-208
Word Search II	Hard - Leetcode - 212
Maximum XOR of Two Numbers in an Array	Medium - Leetcode-421
Longest Common Suffix Queries	Hard - Leetcode - 3093

LINKED LIST

Problem/Youtube Link	Level
Delete Node in a Linked List	Medium - Leetcode-237
Remove Zero Sum Consecutive Nodes from Linked List	Medium - Leetcode - 1171
Delete the Middle Node of a Linked List	Medium - Leetcode - 2095
Middle of the Linked List | Hare and Tortoise	Easy - Leetcode-876
Odd Even Linked List	Medium - Leetcode-328
Linked List Cycle II	Medium - Leetcode-142
Linked List Random Node	Medium - Leetcode-382
Convert Sorted List to Binary Search Tree	Medium - Leetcode-109
Merge K Sorted Lists	Hard - Leetcode-23
STAY TUNED 🙂....	

SLIDING WINDOW

Problem/Youtube Link	Level
Count Occurrences of Anagrams	**Medium - GfG**
Find All Anagrams in a String	**Medium - Leetcode - 438**
Minimum Size Subarray Sum	**Medium - Leetcode - 438**
First negative integer in every window of size k	**Medium - GfG**
Find Subarray With Bitwise AND Closest to K	**Hard - Leetcode-3171**
Longest Continuous Subarray With Absolute Diff Less Than or Equal to Limit	**Medium - Leetcode-1438**
STAY TUNED 🙂*....*	