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		DSA Series by Shradha Ma'am				New DSA Link: https://dsa.apnacollege.in/	
Mark as Done		Question	Link	Difficulty	Video SOLUTION	Companies	Pre-requisites
ARRAYS	<input type="checkbox"/>	1 Majority Element	Problem Link	Easy	Solution Link	Amazon Google	
	<input type="checkbox"/>	2 Repeat & missing number	Problem Link	Easy	Solution Link	Amazon	Hashing
	<input type="checkbox"/>	3 Merge 2 sorted array without xtra space	Problem Link	Easy	Solution Link	Amdocs Brocade Goldman Sachs Juniper Networks	Sorting
	<input type="checkbox"/>	4 Single Number	Problem Link	Easy	Solution Link		
	<input type="checkbox"/>	5 Stock Buy & Sell	Problem Link	Easy	Solution Link	Amazon DEShaw Directi Flipkart Goldman Sachs Int	
	<input type="checkbox"/>	6 Kadane's Algorithm	Problem Link	Medium	Solution Link	Microsoft Facebook	
	<input type="checkbox"/>	7 Pow xn	Problem Link	Medium	Solution Link		
	<input type="checkbox"/>	8 Container with most water	Problem Link	Medium	Solution Link	Flipkart Dunzo	
	<input type="checkbox"/>	9 Sort array of 0s, 1s & 2s	Problem Link	Medium	Solution Link	Microsoft Amazon MakeMyTrip	Sorting
	<input type="checkbox"/>	10 3Sum	Problem Link	Medium	Solution Link	Adobe Amazon Microsoft Morgan Stanley Samsung	Hashing
	<input type="checkbox"/>	11 4Sum	Problem Link	Medium	Solution Link		Hashing
	<input type="checkbox"/>	12 Search a 2D matrix	Problem Link	Medium	Solution Link		2D Array
	<input type="checkbox"/>	13 Next permutation	Problem Link	Medium	Solution Link	Adobe GoldmanSachs Uber	Sorting
	<input type="checkbox"/>	14 Merge overlapping intervals	Problem Link	Medium		Google	Sorting
	<input type="checkbox"/>	15 Longest substring without repeating	Problem Link	Medium		MorganStanley Amazon	String
	<input type="checkbox"/>	16 Set matrix zeroes	Problem Link	Medium		Microsoft Amazon	Sets
	<input type="checkbox"/>	17 Word search	Problem Link	Medium		Ola GoldmanSachs Google	Recursion
	<input type="checkbox"/>	18 Product of array except itself	Problem Link	Medium	Solution Link	Amazon DEShaw Intuit MorganStanley Flipkart	
	<input type="checkbox"/>	19 Subarray sum equals k	Problem Link	Medium			Hashing
	<input type="checkbox"/>	20 Find Duplicate	Problem Link	Medium	Solution Link	Amazon D-E-Shaw Flipkart Paytm Qualcomm Zoho	LL Cycles
	<input type="checkbox"/>	21 Count Inversions	Problem Link	Medium / Hard		Adobe Amazon BankBazaar Flipkart Microsoft Mynt	Merge Sort
	<input type="checkbox"/>	22 Trapping Rainwater	Problem Link	Hard	Solution Link	Samsung	
	<input type="checkbox"/>	23 Sliding window maximum	Problem Link	Hard	Solution Link	Amazon Directi Flipkart Microsoft Google	Hashing
	<input type="checkbox"/>	24 Reverse pairs	Problem Link	Hard			Merge Sort
	<input type="checkbox"/>	25 Largest rectangle in a histogram	Problem Link	Hard	Solution Link		
BINARY SEARCH	<input type="checkbox"/>	1 Search in rotated sorted	Problem Link	Medium	Solution Link	Microsoft Google Adobe Amazon D-E-Shaw Flipkart	
	<input type="checkbox"/>	2 Peak index in mountain array	Problem Link	Medium	Solution Link		
	<input type="checkbox"/>	3 Single element in sorted array	Problem Link	Medium	Solution Link		
	<input type="checkbox"/>	4 Allocate Minimum Pages (Book Allocation)	Problem Link	Medium	Solution Link	Google Infosys Codenation Amazon Microsoft	
	<input type="checkbox"/>	5 Painter's Partition	Problem Link	Medium	Solution Link		
	<input type="checkbox"/>	6 Aggressive cows	Problem Link	Medium	Solution Link	Adobe	

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	Mark as Done	Question	Link	Difficulty	Video SOLUTION	Companies	Pre-requisites
	<input type="checkbox"/>	7 Median of 2 Sorted Arrays	Problem Link	Hard		Amazon Samsung Microsoft Google	
STRINGS	<input type="checkbox"/>	1 Valid Palindrome	Problem Link	Easy	Solution Link	Amazon Cisco DEShaw Facebook FactSet MorganStanley	
	<input type="checkbox"/>	2 Longest Common Prefix	Problem Link	Easy		Adobe Blinkit Dunzo	
	<input type="checkbox"/>	3 Valid Anagram	Problem Link	Easy		Google Adobe Flipkart Nagarro Media.net Directi	
	<input type="checkbox"/>	4 Reverse Words in String	Problem Link	Medium	Solution Link		
	<input type="checkbox"/>	5 Remove All Occurrences of String	Problem Link	Medium	Solution Link		
	<input type="checkbox"/>	6 Permutation in String	Problem Link	Medium	Solution Link	Adobe GoldmanSachs Uber	
	<input type="checkbox"/>	7 String Compression	Problem Link	Medium	Solution Link		
	<input type="checkbox"/>	8 Group Anagrams	Problem Link	Medium		Samsung Adobe Amazon	
	<input type="checkbox"/>	9 Minimum Window Substring	Problem Link	Hard		Amazon Google MakeMyTrip Streamoid Technologi	
	<input type="checkbox"/>	10 Kmp Algorithm	Problem Link	Hard			
	<input type="checkbox"/>	11 Robin Karp	--concept--	Hard			
RECURSION & BACKTRACKING	<input type="checkbox"/>	1 Combination Sum I	Problem Link	Medium	Solution Link	Adobe Amazon Microsoft oracle, DE shaw ,salesforce	
	<input type="checkbox"/>	2 Combination Sum II	Problem Link	Medium		Adobe Amazon Microsoft goldmann sach oracle	
	<input type="checkbox"/>	3 Palindrome Partitioning	Problem Link	Medium	Solution Link	meta ,adobe, Infosys, Walmart Labs, Amazon Micro	
	<input type="checkbox"/>	4 Knights Tour	Problem Link	Medium		google,amazon , microsoft, oracle, meta ,TCS, apple,	
	<input type="checkbox"/>	5 M Coloring	Problem Link	Medium		google , amazon, microsoft, meta , intuit, citadel, go	
	<input type="checkbox"/>	6 Rat in a Maze	Problem Link	Medium	Solution Link	Amazon	
	<input type="checkbox"/>	7 Subsets II	Problem Link	Medium	Solution Link	google, amazon, microsoft, meta , adobe, apple ,TCS	
	<input type="checkbox"/>	8 Merge Sort	Problem Link	Medium		Google, amazon , meta , microsoft	
	<input type="checkbox"/>	9 N Queens	Problem Link	Hard	Solution Link	Microsoft Amazon	
	<input type="checkbox"/>	10 Sudoku Solver	Problem Link	Hard	Solution Link	Amazon, TCS , Apple, Meta ,Infosys , Oracle, Adobe,	
	<input type="checkbox"/>	11 Count Inversions	Problem Link	Hard		Google, amazon , salessforce	
LINKED LIST	<input type="checkbox"/>	1 Reverse a LL	Problem Link	Easy	Solution Link	google, meta , apple , microsoft, amazon , oracle, a	
	<input type="checkbox"/>	2 Middle of LL	Problem Link	Easy	Solution Link	amazon, meta ,google, goldman sachs, qualcomm,i	
	<input type="checkbox"/>	3 Merge 2 Sorted LL	Problem Link	Easy	Solution Link	Accolite Amazon Belzabar Brocade FactSet Flipkart	
	<input type="checkbox"/>	4 Check if LL Is Palindrome or Not	Problem Link	Easy		amazon, meta ,google, goldman sachs, cisco , sams	
	<input type="checkbox"/>	5 Detect Cycle in LL	Problem Link	Easy	Solution Link	google, meta , microsoft, amazon, oracle, paytm, ap	
	<input type="checkbox"/>	6 Remove Cycle in LL	Problem Link	Medium	Solution Link	amazon, meta , apple,	
	<input type="checkbox"/>	7 Flatten LL	Problem Link	Medium	Solution Link	google, amazon, meta ,microsoft , qualcomm, oracle,	

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DSA Series by Shradha Ma'am					Series Link : DSA Series by Shradha Ma'am		
Mark as Done	Question	Link	Difficulty	Video SOLUTION	Companies	Pre-requisites	
<input type="checkbox"/>	8 Clone LL with Random Pointers	Problem Link	Medium	Solution Link	meta , amazon, microsoft , google, intel , walmart la		
<input type="checkbox"/>	9 Add 2 Numbers	Problem Link	Medium		google, amazon, meta , microsoft, oracle, Tejas netwo		
<input type="checkbox"/>	10 Reverse Linked List 2	Problem Link	Medium		Google , amazon, meta , microsoft, adobe, uber		
<input type="checkbox"/>	11 LRU Cache	Problem Link	Medium	Solution Link	Nvidia , Google, Meta , Amazon, Microsoft, Oracle, Ad		
<input type="checkbox"/>	12 Rotate a LL	Problem Link	Medium		Amazon, Google, Meta , Microsoft ,Salesforce ,Infosys		
<input type="checkbox"/>	13 Reverse Nodes in K Groups	Problem Link	Hard	Solution Link	google, amazon, meta , microsoft, apple, uber, adobe,		
STACK & QUEUE	<input type="checkbox"/> 1 Implement Stack using Queue	Problem Link	Easy	Solution Link	google , meta , amazon, microsoft, adobe, oracle, o		
	<input type="checkbox"/> 2 Implement Queue using Stack	Problem Link	Easy	Solution Link	amazon, google, microsoft, adobe, oracle , netflix , me		
	<input type="checkbox"/> 3 Next Greater Element I	Problem Link	Easy	Solution Link	amazon, meta , swiggy , microsoft , google, apple, rr		
	<input type="checkbox"/> 4 Valid Parenthesis	Problem Link	Easy	Solution Link	Google , meta , amazon, linkedin , intuit , visa , IBM		
	<input type="checkbox"/> 5 1st Non Repeating in Stream	Problem Link	Easy	Solution Link	amazon, goldman sach, google, apple, meta , micro		
	<input type="checkbox"/> 6 Reverse 1st K Elements of Queue	Problem Link	Easy		Microsoft , amdocs, amazon		
	<input type="checkbox"/> 7 Time needed to Buy Tickets	Problem Link	Easy		uber, amazon, microsoft, google, ,meta		
	<input type="checkbox"/> 8 Next Greater Element II	Problem Link	Medium	Solution Link	amazon, uber		
	<input type="checkbox"/> 9 Previous Smaller Element	Problem Link	Medium	Solution Link	amazon, meta , microsoft, apple, visa , oracle, intuit		
	<input type="checkbox"/> 10 Celebrity Problem	Problem Link	Medium	Solution Link	linkedin, meta, microsoft, amazon, uber, salesforce,		
	<input type="checkbox"/> 11 Get Min Element from Stack	Problem Link	Medium	Solution Link	Google, meta , amazon, saleforce, intuit , paypal, adob		
	<input type="checkbox"/> 12 Circular Tour / Gas Station	Problem Link	Medium	Solution Link	amazon, microsoft, goldman sachs, intuit ,IBM		
	<input type="checkbox"/> 13 Rotten Oranges	Problem Link	Medium		amazon, google, microsoft, meta, oracle, adobe, cis		
	<input type="checkbox"/> 14 Stock Span	Problem Link	Medium	Solution Link	Amazon , google, Microsoft, Oracle, Samsung , Meta		
	<input type="checkbox"/> 15 Max Area in Histogram	Problem Link	Hard	Solution Link	Adobe, apple, Meta , Amazon, google, microsoft		
TREE	<input type="checkbox"/> 1 Inorder	Problem Link	Easy	Solution Link	google , amazon , meta , microsoft ,adobe, uber		
	<input type="checkbox"/> 2 Preorder	Problem Link	Easy	Solution Link	salesforce, amazon, microsoft, meta , google ,adobe		
	<input type="checkbox"/> 3 Postorder	Problem Link	Easy	Solution Link	Amazon ,meta , google, apple, adobe		
	<input type="checkbox"/> 4 Symmetric Tree	Problem Link	Easy		Amazon , Google, Oracle, Apple,meta,Uber,Intuit ,A		
	<input type="checkbox"/> 5 Minimum Distance between Nodes	Problem Link	Easy	ynP1nA&list=PLfqMhTWNE	amazon, google, meta , linkedin , adobe, microsoft		
	<input type="checkbox"/> 6 Are 2 Trees Identical or Not	Problem Link	Easy	Solution Link	meta , google , microsoft,		
	<input type="checkbox"/> 7 Morris Inorder Traversal	Problem Link	Easy	Solution Link	Google,amazon, meta ,apple, adobe, TCS, flipkart , ut		
	<input type="checkbox"/> 8 Diameter	Problem Link	Easy	Solution Link	google, amazon, meta , microsoft , apple, adobe, uber		
	<input type="checkbox"/> 9 Check if Tree is Height Balanced	Problem Link	Easy		amazon , meta , amazon , google ,visa , oracle , TCS		
	<input type="checkbox"/> 10 Subtree of Another Tree	Problem Link	Easy	Solution Link	Amazon google microsoft adobe uber apple		
	<input type="checkbox"/> 11 Check if BT Mirror of itself or not	Problem Link	Easy		Amazon, google, meta, uber , morgan stanley , ebay		

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			DSA Series by Shradha Ma'am			New DSA Link: https://dsa.apnacollege.in/	
	Mark as Done	Question	Link	Difficulty	Video SOLUTION	Companies	Pre-requisites
BINARY TREES	<input type="checkbox"/>	12 Top View of a Tree	Problem Link	Medium	Solution Link	amazon, google, meta, linkedin , apple, adobe,microsoft	
	<input type="checkbox"/>	13 Bottom View of a Tree	Problem Link	Medium		meta , amazon, google , uber, oracle, flipkart , JP morgan	
	<input type="checkbox"/>	14 Level Order	Problem Link	Medium		josh technology , amazon, google, adobe	
	<input type="checkbox"/>	15 Kth Level of Tree	Problem Link	Medium	Solution Link	meta , google, amazon, adobe, microsoft	
	<input type="checkbox"/>	16 LCA	Problem Link	Medium	Solution Link	meta , amazon , google, linkedin , intuit , oracle,adobe	
	<input type="checkbox"/>	17 Transform to Sum Tree	Problem Link	Medium	Solution Link	SAP , Amazon, Ebay , Microsoft	
	<input type="checkbox"/>	18 Construct BT from Inorder & Pre order	Problem Link	Medium	Solution Link	Amazon, Microsoft, meta , adobe, uber , VMware ,	
	<input type="checkbox"/>	19 Construct BT from Inorder & Post order	Problem Link	Medium		Google, amazon, microsoft , adobe, bloomberg	
	<input type="checkbox"/>	20 Flatten BT to LL	Problem Link	Medium	Solution Link	Google, meta , amazon ,microsoft, Mynta , adobe, oracle	
	<input type="checkbox"/>	21 Max Width of BT	Problem Link	Medium	Solution Link	Amazon , Meta , Uber, Microsoft, Uber , Adobe,Apple	
	<input type="checkbox"/>	22 Zig Zag Traversal of BT	Problem Link	Medium		Amazon , meta, microsoft, google,oracle, Adobe, Wal	
	<input type="checkbox"/>	23 Max Path Sum	Problem Link	Hard		Google, Meta , Amazon , Oracle, Salesforce, Goldman	
	<input type="checkbox"/>	24 Kth Ancestor	Problem Link	Hard		Google , Amazon ,Microsoft	
BST	<input type="checkbox"/>	1 Kth largest in BST	Problem Link	Easy		Meta , Amazon, Google , Adobe, Atlassian , Salesfor	
	<input type="checkbox"/>	2 Sorted Array to Balanced BST	Problem Link	Easy	Solution Link	Amazon , Google, Meta, Apple, Adobe , Airbnb , Sam	
	<input type="checkbox"/>	3 Validate BST	Problem Link	Medium	Solution Link	Amazon, Google, Meta, Salesforce, IBM , Adobe, Cit	
	<input type="checkbox"/>	4 Kth Smallest in BST	Problem Link	Medium	Solution Link	Accolite Amazon Google Uber Microsoft Meta	
	<input type="checkbox"/>	5 LCA in BST	Problem Link	Medium	Solution Link	Meta, Amazon, Linkedin , Bloomberg, Oracle, Sams	
	<input type="checkbox"/>	6 Populate Next Right Pointers	Problem Link	Medium	Solution Link	Meta , Amazon, Walmart Labs, Flipkart, Saleforce,Adc	
	<input type="checkbox"/>	7 Recover BST	Problem Link	Medium	Solution Link	Microsoft, amazon, google, oracle, adobe	
	<input type="checkbox"/>	8 Construct from Preorder	Problem Link	Medium	Solution Link	Adobe, Meta , Google, Microsoft	
	<input type="checkbox"/>	9 BST Iterator	Problem Link	Medium	Solution Link	Meta , Amazon, Microsoft, Linkedin , Adobe	
	<input type="checkbox"/>	10 Flatten BST to Sorted list	Problem Link	Medium		Meta , microsoft, Amazon, Nvidia	
	<input type="checkbox"/>	11 Inorder Successor	Problem Link	Medium	Solution Link	Amazon , Google, meta , Citadel, Nvidia,Linkedin ,uk	
	<input type="checkbox"/>	12 Inorder Predecessor	Problem Link	Medium	Solution Link	Microsoft , Bloomberg	
	<input type="checkbox"/>	13 Largest BST in BT	Problem Link	Hard	Solution Link	Microsoft , Meta	
	<input type="checkbox"/>	14 Serialize & Deserialize BST	Problem Link	Hard		Amazon, Google, Meta , Oracle, Flipkart , Adobe, Mic	
	<input type="checkbox"/>	15 Merge 2 BSTS	Problem Link	Hard	Solution Link	Meta, Microsoft	
HEAPS	<input type="checkbox"/>	1 Merge K Sorted Arrays	https://leetcode.com/problems/merge-k-sorted-arrays/	Easy		google, meta , amazon, microsoft, HCL , Cisco, IBM ,	
	<input type="checkbox"/>	2 K most Frequent Elements	https://leetcode.com/problems/top-k-frequent-elements/	Medium		Meta , Amazon, Google , Microsoft , Oracle, Goldma	
	<input type="checkbox"/>	3 Heap Sort	https://leetcode.com/problems/heap-sort/	Medium		Adobe , TCS , Amazon, Google, Meta , hive, Infosys ,	
	<input type="checkbox"/>	4 Kth Smallest Element	https://leetcode.com/problems/kth-smallest-element-in-a-bst/	Medium		Amazon, Meta , apple, phonepe , salesforce	

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		Mark as Done	Question	Link	Difficulty	Video SOLUTION	Companies	Pre-requisites
TRIE		<input type="checkbox"/>	5 Median from Stream	https://leetcode.com/problems/	Hard		Google, Amazon, Meta, Apple, Microsoft, Pinterest	
		<input type="checkbox"/>	6 Smallest Range in K Sorted List	https://leetcode.com/problems/	Hard		Amazon, Phonepe , Meta , Microsoft , Flipkart , DE sh	
GRAPH		<input type="checkbox"/>	1 Longest Common Prefix	https://leetcode.com/problems/	Easy		amazon, TCS, Visa, Accenture, Infosys , Deloitte , Go	
		<input type="checkbox"/>	2 Word Break Problem	https://leetcode.com/problems/	Medium		Amazon, Google , Netflix , Intuit , Walmart Labs , Sa	
		<input type="checkbox"/>	3 Implement a Phone Directory	https://leetcode.com/problems/	Medium		Google	
		<input type="checkbox"/>	4 Implement a Trie	https://leetcode.com/problems/	Medium		Google, Amazon, Apple, Meta, Uber, Nvidia , Samsu	
		<input type="checkbox"/>	5 Longest String with All Prefix	https://leetcode.com/problems/	Medium		Google	
GRAPH		<input type="checkbox"/>	1 Flood Fill Algorithm	https://leetcode.com/problems/	Easy		Samsung , Flipkart ,SAP Labs , Ola , amazon, micros	
		<input type="checkbox"/>	2 BFS	https://leetcode.com/problems/	Medium	Solution Link	Samsung , Intuit, Accolite , Amazon	
		<input type="checkbox"/>	3 DFS	https://leetcode.com/problems/	Medium	Solution Link	Amazon, Meta , Google, Visa, Adobe, Microsoft, App	
		<input type="checkbox"/>	4 Detect cycle in undirected using BFS	https://leetcode.com/problems/	Medium		Amazon, Meta , Google, Visa, Adobe, Microsoft, App	
		<input type="checkbox"/>	5 Detect cycle in undirected using DFS	https://leetcode.com/problems/	Medium		Google , Meta , microsoft, Inmobi , Amazon	
		<input type="checkbox"/>	6 Detect cycle in directed using BFS	https://leetcode.com/problems/	Medium		Google , Meta , microsoft, Inmobi , Amazon	
		<input type="checkbox"/>	7 Detect cycle in directed using DFS	https://leetcode.com/problems/	Medium		Google, Amazon, Meta ,Microsoft, Apple, uber, Adol	
		<input type="checkbox"/>	8 Topological Sorting (DFS)	https://leetcode.com/problems/	Medium		Flipkart, Morgan Stanley, Accolite, Amazon , Microso	
		<input type="checkbox"/>	9 Prim's Algorithm (MST)	https://leetcode.com/problems/	Medium		Flipkart, Morgan Stanley, Accolite, Amazon , Microso	
		<input type="checkbox"/>	10 Bellman Ford Algorithm	https://leetcode.com/problems/	Medium		Amazon, Google, Meta, Salesforce, Intuit , LinkedIn , I	
		<input type="checkbox"/>	11 Floyd Warshall Algo	https://leetcode.com/problems/	Medium		flipkart, microsoft	
		<input type="checkbox"/>	12 Kosaraju Strongly Connected Components	https://leetcode.com/problems/	Medium		Amazon, Meta , Stripe, Airbnb , Oracle, DE Shaw, Ap	
		<input type="checkbox"/>	13 Check Bi-partite Graph	https://leetcode.com/problems/	Medium		Amazon , Adobe, Directi,Uber,DE shaw, Microsoft	
		<input type="checkbox"/>	14 Number of Islands	https://leetcode.com/problems/	Medium		Amazon , Adobe, Directi,Uber,DE shaw, Microsoft	
		<input type="checkbox"/>	15 Rotten Oranges	https://leetcode.com/problems/	Medium		Sharechat + Directi , Amazon , microsoft	
		<input type="checkbox"/>	16 01 Matrix	https://leetcode.com/problems/	Medium		Google , uber, Meta, microsoft, Amazon	
		<input type="checkbox"/>	17 Course Schedule I & II	https://leetcode.com/problems/	Medium		Amazon, Google, Zoho, Oracle, Samsung, Meta , int	
		<input type="checkbox"/>	18 Alien Dictionary	https://leetcode.com/problems/	Hard		Google, amazon, Linkedin ,Doordash, Flipkart, Adobe	
		<input type="checkbox"/>	19 Cheapest Flights within K Stops	https://leetcode.com/problems/	Medium		Google , amazon , meta , adobe, uber	
		<input type="checkbox"/>	20 Clone a Graph	https://leetcode.com/problems/	Medium		Amazon , Microft , Meta , Linkedin , Oracle , Apple	
		<input type="checkbox"/>	21 Most Stones Removed	https://leetcode.com/problems/	Medium		Microsoft Flipkart Pinterest Meta Uber Samung	
		<input type="checkbox"/>	22 Number of Provinces	https://leetcode.com/problems/	Medium		Paytm	
		<input type="checkbox"/>	23 Number of Ways to Arrive at Destination	https://leetcode.com/problems/	Medium		Phonepe , Google, Apple, Microsoft, Amazon	
		<input type="checkbox"/>	24 Topoplogical Sorting (BFS)	https://leetcode.com/problems/	Hard		Sprinklr, Google, Amazon, Meta	
		<input type="checkbox"/>	25 Dijkstra's Algorithm	https://leetcode.com/problems/	Hard		Google, Amazon , Meta	

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Mark as Done	Question	Link	Difficulty	Video SOLUTION	Companies	Pre-requisites
<input type="checkbox"/>	26 Kruskal's Algorithm (MST)	https://leetcode.com/problem	Hard		Airbnb , Citadel, Uber, Google, Meta , Airbnb	
DP	1 Buy & Sell Stocks I	Problem Link	Easy		Amazon D-E-Shaw Directi Flipkart Goldman Sachs Ir	
	2 0-1 Knapsack	Problem Link	Medium		Amazon Directi Flipkart GreyOrange Microsoft Mob	
	3 Target Sum Subset	Problem Link	Medium		Mynta ,Microsoft, Meta , Amazon	
	4 Unbounded Knapsack	Problem Link	Medium		Amazon , Google	
	5 Coin Change	Problem Link	Medium		Adobe, Salesforce, Amazon, Google, Microsoft, Intu	
	6 Longest Common Subsequence	Problem Link	Medium		Amazon, Microsoft , Meta , TCS, Oracle	
	7 Longest Common Substring	Problem Link	Medium		Morgan Stanley , Amazon , Microsoft	
	8 Edit Distance	Problem Link	Medium		Goldman Sachs, Paypal , Salesforce , Atlassian, Intuit	
	9 Longest Increasing Subsequence	Problem Link	Medium		Amazon, Google,Linkedin , Cisco , TCS , Meta , Cisco	
	10 Palindromic Partitioning (MCM)	Problem Link	Medium		Google + Goldman Sachs + Citrix , TCS, Meta, Adobe	
	11 Max Product Subarray	Problem Link	Medium		Amazon, Goldman Sachs , Apple,Adobe, TCS, Uber	
	12 Unique BSTs	Problem Link	Medium		Amazon + Google	
	13 Longest Palindromic Subsequence	Problem Link	Medium		Google , Microsoft , Tower Research Capital, Oracle	
	14 Buy & Sell Stocks II	Problem Link	Medium		Walmart + Flipkart	
	15 Nth Catalan	Problem Link	Medium		Amazon , Google, Meta , Microsoft , Infosys	
	16 Minimum Partitioning	Problem Link	Hard		Oracle, Phonepe, Adobe , Apple	
	17 Wildcard Pattern Matching	Problem Link	Hard		Linkedin , DE Shaw , Adobe, Uber, Meta,Amazon	
	18 Rod Cutting	Problem Link	Hard		Uber, samsung, Arcesium , Google, amazon, meta	
	19 Egg Dropping	Problem Link	Hard		Microsoft + Amazon + Ola , Salesforce, Apple	
	20 Longest Bitonic Subsequence	Problem Link	Hard		Amazon D-E-Shaw Goldman Sachs Google Hike Ma	
	21 MCM	Problem Link	Hard		Amazon, microsoft, google, meta	
GREEDY	1 Assign Cookies	Problem Link	Easy		Amazon , Accenture , Uber , Adobe, Meta , Google	
	2 Indian Coins	Problem Link	Medium		Accolite Amazon Morgan Stanley Oracle Paytm San	
	3 Fractional Knapsack	Problem Link	Medium		Microsoft	
	4 maximum length of pair chain	Problem Link	Medium		Amazon , bloomberg, swiggy , adobe , apple	
	5 Activity Selection	Problem Link	Medium		Meta, amazon , google , microsoft	
	6 Job Scheduling	Problem Link	Hard		amazon , microsoft , airbnb, adobe,phonepe	