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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
ARRAYS	1 Majority Element	Problem Link	Easy	Solution Link	Amazon Google	Hashing
	2 Repeat & missing number	Problem Link	Easy	Solution Link	Amazon	Sorting
	3 Merge 2 sorted array without extra space	Problem Link	Easy	Solution Link	Amdocs Brocade Goldman Sachs Juniper Network	
	4 Single Number	Problem Link	Easy	Solution Link	Amazon DE Shaw Goldman Sachs LinkedIn	
	5 Stock Buy & Sell	Problem Link	Easy	Solution Link	Amazon DE Shaw Directi Flipkart Goldman Sachs LinkedIn	
	6 Kadane's Algorithm	Problem Link	Medium	Solution Link	Microsoft Facebook	
	7 Pow xn	Problem Link	Medium	Solution Link	Flipkart Dunzo	
	8 Container with most water	Problem Link	Medium	Solution Link	Microsoft Amazon MakeMyTrip	Sorting
	9 Sort array of 0s, 1s & 2s	Problem Link	Medium	Solution Link	Adobe Amazon Microsoft Morgan Stanley Samsun	Hashing
	10 3Sum	Problem Link	Medium	Solution Link	Hashing	2D Array
	11 4Sum	Problem Link	Medium	Solution Link	Adobe Goldman Sachs Uber	Sorting
	12 Search a 2D matrix	Problem Link	Medium	Solution Link	Google	String
	13 Next permutation	Problem Link	Medium	Solution Link	Morgan Stanley Amazon	Sets
	14 Merge overlapping intervals	Problem Link	Medium	Solution Link	Microsoft Amazon	Recursion
	15 Longest substring without repeating	Problem Link	Medium	Solution Link	Ola Goldman Sachs Google	
	16 Set matrix zeroes	Problem Link	Medium	Solution Link	Amazon DE Shaw Intuit Morgan Stanley Flipkart	Hashing
	17 Word search	Problem Link	Medium	Solution Link	Amazon D-E-Shaw Flipkart Paytm Qualcomm Zohc	LL Cycles
	18 Product of array except itself	Problem Link	Medium	Solution Link	Adobe Amazon BankBazaar Flipkart Microsoft Myri	Merge Sort
	19 Subarray sum equals k	Problem Link	Medium	Solution Link	Samsung	
	20 Find Duplicate	Problem Link	Medium	Solution Link	Amazon Directi Flipkart Microsoft Google	Hashing
	21 Count Inversions	Problem Link	Medium / Hard	Solution Link	Merge Sort	
	22 Trapping Rainwater	Problem Link	Hard	Solution Link		
	23 Sliding window maximum	Problem Link	Hard	Solution Link		
	24 Reverse pairs	Problem Link	Hard	Solution Link		
	25 Largest rectangle in a histogram	Problem Link	Hard	Solution Link		
BINARY SEARCH	1 Search in rotated sorted	Problem Link	Medium	Solution Link	Microsoft Google Adobe Amazon D-E-Shaw Flipkar	
	2 Peak index in mountain array	Problem Link	Medium	Solution Link		
	3 Single element in sorted array	Problem Link	Medium	Solution Link		
	4 Allocate Minimum Pages (Book Allocation)	Problem Link	Medium	Solution Link	Google Infosys Codenation Amazon Microsoft	
	5 Painter's Partition	Problem Link	Medium	Solution Link		
	6 Aggressive cows	Problem Link	Medium	Solution Link	Adobe	
	7 Median of 2 Sorted Arrays	Problem Link	Hard	Solution Link	Amazon Samsung Microsoft Google	
PREFIX	1 Valid Palindrome	Problem Link	Easy	Solution Link	Amazon Cisco D-E-Shaw Facebook FactSet MorganS	
	2 Longest Common Prefix	Problem Link	Easy	Solution Link	Adobe Blinkit Dunzo	
	3 Valid Anagram	Problem Link	Easy	Solution Link	Google Adobe Flipkart Nagarro Media.net Directi	
	4 Reverse Words in String	Problem Link	Medium	Solution Link		
	5 Remove All Occurrences of String	Problem Link	Medium	Solution Link		

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STRINGS	<input type="checkbox"/>	6 Permutation in String	Problem Link	Medium	Solution Link	Adobe Goldman Sachs 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 Technologies	
	<input type="checkbox"/>	10 Knapsack Problem	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	Solution Link	Adobe Amazon Microsoft goldmann sach oracle	
	<input type="checkbox"/>	3 Palindrome Partitioning	Problem Link	Medium	Solution Link	meta , adobe , Infosys , Walmart Labs , Amazon Micr	
	<input type="checkbox"/>	4 Knights Tour	Problem Link	Medium	Solution Link	google , amazon , microsoft , oracle , meta , TCS , appl	
	<input type="checkbox"/>	5 M Coloring	Problem Link	Medium	Solution Link	google , amazon , microsoft , meta , intuit , citadel , g	
	<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 , TC	
	<input type="checkbox"/>	8 Merge Sort	Problem Link	Medium	Solution Link	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	Solution Link	Google , amazon , salesforce	
LINKED LIST	<input type="checkbox"/>	1 Reverse a LL	Problem Link	Easy	Solution Link	google , meta , apple , microsoft , amazon , oracle ,	
	<input type="checkbox"/>	2 Middle of LL	Problem Link	Easy	Solution Link	amazon , meta google , goldman sach , qualcomm	
	<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	Solution Link	amazon , meta google , goldman sach , cisco , sam	
	<input type="checkbox"/>	5 Detect Cycle in LL	Problem Link	Easy	Solution Link	google , meta , microsoft , amazon , oracle , paytm , c	
	<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	
	<input type="checkbox"/>	8 Clone LL with Random Pointers	Problem Link	Medium	Solution Link	meta , amazon , microsoft , google , intel , walmart	
	<input type="checkbox"/>	9 Add 2 Numbers	Problem Link	Medium	Solution Link	google , amazon , meta , microsoft , oracle , tejas netv	
	<input type="checkbox"/>	10 Reverse Linked List 2	Problem Link	Medium	Solution Link	Google , amazon , meta , microsoft , adobe , uber	
	<input type="checkbox"/>	11 LRU Cache	Problem Link	Medium	Solution Link	Nvidia , Google , Meta , Amazon , Microsoft , Oracle , A	
	<input type="checkbox"/>	12 Rotate a LL	Problem Link	Medium	Solution Link	Amazon , Google , Meta , Microsoft , Salesforce , Infos	
	<input type="checkbox"/>	13 Reverse Nodes in K Groups	Problem Link	Hard	Solution Link	google , amazon , meta , microsoft , apple , uber , adob	
STACK & QUEUE	<input type="checkbox"/>	1 Implement Stack using Queue	Problem Link	Easy	Solution Link	google , meta , amazon , microsoft , oracle ,	
	<input type="checkbox"/>	2 Implement Queue using Stack	Problem Link	Easy	Solution Link	amazon , google , microsoft , adobe , oracle , netflix , r	
	<input type="checkbox"/>	3 Next Greater Element I	Problem Link	Easy	Solution Link	amazon , meta , swiggy , microsoft , google , apple ,	
	<input type="checkbox"/>	4 Valid Parenthesis	Problem Link	Easy	Solution Link	Google , meta , amazon , linkedin , intuit , visa , JBV	
	<input type="checkbox"/>	5 1st Non Repeating in Stream	Problem Link	Easy	Solution Link	amazon , goldman sach , google , apple , meta , mirc	
	<input type="checkbox"/>	6 Reverse 1st K Elements of Queue	Problem Link	Easy	Solution Link	Microsoft , amdocs , amazon	
	<input type="checkbox"/>	7 Time needed to Buy Tickets	Problem Link	Easy	Solution Link	uber , amazon , microsoft , google , meta	
	<input type="checkbox"/>	8 Next Greater Element II	Problem Link	Medium	Solution Link	amazon , uber	

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	Mark as Done	Question	Link	Difficulty	Video SOLUTION	Companies	Pre-requisites
	<input type="checkbox"/>	9 Previous Smaller Element	Problem Link	Medium	Solution Link	amazon , meta , microsoft , apple , visa , oracle , uber	
	<input type="checkbox"/>	10 Celebrity Problem	Problem Link	Medium	Solution Link	linkedin , meta , microsoft , amazon , uber , salesforc	
	<input type="checkbox"/>	11 Get Min Element from Stack	Problem Link	Medium	Solution Link	Google , meta , amazon , saleforce , intuit , paypal , adc	
	<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	Solution Link	amazon , google , microsoft , meta , oracle , adobe , ci	
	<input type="checkbox"/>	14 Stock Span	Problem Link	Medium	Solution Link	Amazon , google , Microsoft , Oracle , Samsung , Me	
	<input type="checkbox"/>	15 Max Area in Histogram	Problem Link	Hard	Solution Link	Adobe , apple , Meta , Amazon , google , microsoft	
		1 Inorder	Problem Link	Easy	Solution Link	google , amazon , meta , microsoft , adobe , uber	
		2 Preorder	Problem Link	Easy	Solution Link	salesforce , amazon , microsoft , meta , google , adobe	
		3 Postorder	Problem Link	Easy	Solution Link	Amazon , meta , google , apple , adobe	
		4 Symmetric Tree	Problem Link	Easy	Solution Link	Amazon , Google , Oracle , Apple , meta , Uber , Intuit ,	
		5 Minimum Distance between Nodes	Problem Link	Easy	Solution Link	ymP1nA&list=PLfgMhtTWN1amazon , google , meta , linkedin , adobe , microsoft	
		6 Are 2 Trees Identical or Not	Problem Link	Easy	Solution Link	meta , google , microsoft ,	
		7 Morris Inorder Traversal	Problem Link	Easy	Solution Link	Google , amazon , meta , apple , adobe , TCS , flipkart , i	
		8 Diameter	Problem Link	Easy	Solution Link	google , amazon , meta , microsoft , apple , adobe , ub	
		9 Check if Tree is Height Balanced	Problem Link	Easy	Solution Link	amazon , meta , amazon , google , visa , oracle , TC	
		10 Subtree of Another Tree	Problem Link	Easy	Solution Link	Amazon , google , microsoft , adobe , uber , apple	
		11 Check if BT Mirror of itself or not	Problem Link	Easy	Solution Link	Amazon , google , meta , uber , morgan stanley , ebs	
		12 Top View of a Tree	Problem Link	Medium	Solution Link	amazon , google , meta , linkedin , apple , adobe , mic	
		13 Bottom View of a Tree	Problem Link	Medium	Solution Link	meta , amazon , google , uber , oracle , flipkart , JP n	
		14 Level Order	Problem Link	Medium	Solution Link	josh technology , amazon , google , adobe	
		15 Kth Level of Tree	Problem Link	Medium	Solution Link	meta , google , amazon , adobe , microsoft	
		16 LCA	Problem Link	Medium	Solution Link	SAP , Amazon , Ebay , Microsoft	
		17 Transform to Sum Tree	Problem Link	Medium	Solution Link	Amazon , Microsoft , meta , adobe , uber , VMware	
		18 Construct BT from Inorder & Pre order	Problem Link	Medium	Solution Link	Google , amazon , microsoft , adobe , bloomberg	
		19 Construct BT from Inorder & Post order	Problem Link	Medium	Solution Link	Google , meta , amazon , microsoft , myntra , adobe , ci	
		20 Flatten BT to LL	Problem Link	Medium	Solution Link	Accolite , Amazon , Google , Uber , Microsoft , Oracle , Sam	
		21 Max Width of BT	Problem Link	Medium	Solution Link	Meta , Amazon , LinkedIn , Bloomberg , Oracle , Sam	
		22 Zig Zag Traversal of BT	Problem Link	Medium	Solution Link	Meia , Amazon , Walmart Labs , Flipkart , Salesforce , A	
		23 Max Path Sum	Problem Link	Hard	Solution Link	Microsoft , amazon , google , oracle , adobe , v	
		24 Kth Ancestor	Problem Link	Hard	Solution Link	Google , Meta , Oracle , Salesforce , Goldman ,	
						Google , Amazon , Microsoft , LinkedIn , Adobe	
		1 Kth largest in BST	Problem Link	Easy	Solution Link	Meta , Amazon , Google , Adobe , Atlassian , Salesfc	
		2 Sorted Array to Balanced BST	Problem Link	Easy	Solution Link	Amazon , Google , Meta , Apple , Adobe , Airbnb , San	
		3 Validate BST	Problem Link	Medium	Solution Link	Amzon , Google , Meta , Salesforce , IBM , Adobe , Ci	
		4 Kth Smallest in BST	Problem Link	Medium	Solution Link	Accolite , Amazon , Google , Uber , Microsoft , Meta	
		5 LCA in BST	Problem Link	Medium	Solution Link	Meta , Amazon , LinkedIn , Bloomberg , Oracle , Sam	
		6 Populate Next Right Pointers	Problem Link	Medium	Solution Link	Meia , Amazon , Walmart Labs , Flipkart , Salesforce , A	
		7 Recover BST	Problem Link	Medium	Solution Link	Microsoft , amazon , google , oracle , adobe	
		8 Construct from Preorder	Problem Link	Medium	Solution Link	Adobe , Meta , Google , Microsoft , LinkedIn , Adobe	
		9 BST Iterator	Problem Link	Medium	Solution Link	Meia , Amazon , Microsoft , LinkedIn , Adobe	

BINARY TREES

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		Series Link : DSA Series by Shradha Ma'am					
	Mark as Done	Question	Link	Difficulty	Video SOLUTION	Companies	Pre-requisites
HEAPS	<input type="checkbox"/>	10 Flatten BST to Sorted list	Problem Link	Medium	Solution Link	Meta , microsoft, Amazon, Nvidia	
	<input type="checkbox"/>	11 Inorder Successor	Problem Link	Medium	Solution Link	Amazon , Google, meta , Citadel, Nvidia,LinkedIn , Microsoft , Bloomberg	
	<input type="checkbox"/>	12 Inorder Predecessor	Problem Link	Medium	Solution Link	Microsoft , Meta	
	<input type="checkbox"/>	13 Largest BST in BT	Problem Link	Hard	Solution Link	Amazon, Google, Meta , Oracle, Flipkart , Adobe, Microsoft	
	<input type="checkbox"/>	14 Serialize & Deserialize BST	Problem Link	Hard	Solution Link	Meta, Microsoft	
	<input type="checkbox"/>	15 Merge 2 BSTS	Problem Link	Hard	Solution Link		
TRIE	<input type="checkbox"/>	1 Merge K Sorted Arrays	https://leetcode.com/problems/merge-k-sorted-lists/	Easy	Solution Link	google , meta , amazon, microsoft, HCL , Cisco , IBM	
	<input type="checkbox"/>	2 K most Frequent Elements	https://leetcode.com/problems/top-k-frequent-words/	Medium	Solution Link	Meta , Amazon, Google , Microsoft , Oracle, Goldir	
	<input type="checkbox"/>	3 Heap Sort	https://leetcode.com/problems/heap-sort/	Medium	Solution Link	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	Solution Link	Amazon, Meta , apple, phonepe , salesforce	
	<input type="checkbox"/>	5 Median from Stream	https://leetcode.com/problems/median-of-two-sorted-arrays/	Hard	Solution Link	Google , Amazon , Meta, Apple , Microsoft , Pinteres	
	<input type="checkbox"/>	6 Smallest Range in K Sorted List	https://leetcode.com/problems/smallest-range-in-k-sorted-lists/	Hard	Solution Link	Amazon, Phonepe , Meta , Microsoft , Flipkart , DE s	
GRAPH	<input type="checkbox"/>	1 Longest Common Prefix	https://leetcode.com/problems/longest-common-prefix/	Easy	Solution Link	amazon, TCS, Visa, Accenture, Infosys , Deloitte , G	
	<input type="checkbox"/>	2 Word Break Problem	https://leetcode.com/problems/word-break/	Medium	Solution Link	Amazon , Google , Netflix , Intuit , Walmart Labs , Google	
	<input type="checkbox"/>	3 Implement a Phone Directory	https://leetcode.com/problems/implement-telephone-directory/	Medium	Solution Link	Google, Amazon, Apple, Meta , Uber , Nvidia , Sams	
	<input type="checkbox"/>	4 Implement a Trie	https://leetcode.com/problems/implement-trie-prefix-tree/	Medium	Solution Link	Google	
	<input type="checkbox"/>	5 Longest String with All Prefix	https://leetcode.com/problems/longest-string-chain/	Medium	Solution Link		
	<input type="checkbox"/>						
GRAPH	<input type="checkbox"/>	1 Flood Fill Algorithm	https://leetcode.com/problems/flood-fill/	Easy	Solution Link	Samsung , Flipkart , SAP Labs , Ola , amazon, micro	
	<input type="checkbox"/>	2 BFS	https://leetcode.com/problems/breadth-first-search/	Medium	Solution Link	Samsung , Intuit, Accolite , Amazon	
	<input type="checkbox"/>	3 DFS	https://leetcode.com/problems/depth-first-search-in-binary-tree/	Medium	Solution Link	Amazon, Meta , Google, Visa, Adobe, Microsoft, Accolite , Amazon	
	<input type="checkbox"/>	4 Detect cycle in undirected using DFS	https://leetcode.com/problems/detect-cycle-in-undirected-graph/	Medium	Solution Link	Google , Meta , microsoft, Inmobi , Amazon	
	<input type="checkbox"/>	5 Detect cycle in undirected using DFS	https://leetcode.com/problems/detect-cycle-in-undirected-graph/	Medium	Solution Link	Google , Meta , microsoft, Inmobi , Amazon	
	<input type="checkbox"/>	6 Detect cycle in directed using DFS	https://leetcode.com/problems/detect-cycle-in-a-directed-graph/	Medium	Solution Link	Google , Meta, Microsoft, Apple, uber, AdSense , Flipkart , Morgan Stanley, Accolite, Amazon , Microsoft	
GRAPH	<input type="checkbox"/>	7 Detect cycle in directed using DFS	https://leetcode.com/problems/detect-cycle-in-a-directed-graph/	Medium	Solution Link	Flipkart , Mogan Stanley, Accolite, Amazon , Microsoft	
	<input type="checkbox"/>	8 Topological Sorting (DFS)	https://leetcode.com/problems/reconstruct-itinerary/	Medium	Solution Link	Flipkart , Mogan Stanley, Accolite, Amazon , Microsoft	
	<input type="checkbox"/>	9 Prim's Algorithm (MST)	https://leetcode.com/problems/minimum-spanning-tree/	Medium	Solution Link	Amazon , Google , Stripe, Airbnb , Oracle, DE Shaw , LinkedIn , flipkart , microsoft	
	<input type="checkbox"/>	10 Bellman Ford Algorithm	https://leetcode.com/problems/bellman-ford-algorithm/	Medium	Solution Link	Amazon , Google , Meta , Salesforce , Intuit , LinkedIn , flipkart , microsoft	
	<input type="checkbox"/>	11 Floyd Warshall Algo	https://leetcode.com/problems/floyd-warshall-algorithm/	Medium	Solution Link	Amazon , Meta , Stripe, Airbnb , Oracle, DE Shaw , LinkedIn , flipkart , microsoft	
	<input type="checkbox"/>	12 Kosaraju Strongly Connected Components	https://leetcode.com/problems/strongly-connected-components-in-a-graph/	Medium	Solution Link	Amazon , Google , Zoho , Oracle, Samsung, Meta , if Google , Adobe , Directi,Uber,DE Shaw , Microsoft	
GRAPH	<input type="checkbox"/>	13 Check Bi-partite Graph	https://leetcode.com/problems/is-graph-bipartite/	Medium	Solution Link	Amazon , Google , LinkedIn , Doordash, Flipkart , Adob	
	<input type="checkbox"/>	14 Number of Islands	https://leetcode.com/problems/number-of-islands/	Medium	Solution Link	Google , amazon , meta , adobe , uber	
	<input type="checkbox"/>	15 Rotten Oranges	https://leetcode.com/problems/rotting-oranges/	Medium	Solution Link	Amazon , Microsoft , Meta , LinkedIn , Oracle , AppNexus , Microsoft	
	<input type="checkbox"/>	16 01 Matrix	https://leetcode.com/problems/0-1-matrix/	Medium	Solution Link	Google , uber , Meta , microsoft , Amazon	
	<input type="checkbox"/>	17 Course Schedule I & II	https://leetcode.com/problems/course-schedule/	Medium	Solution Link	Amazon , Google , Zoho , Oracle, Samsung, Meta , if Google , Adobe , Directi,Uber,DE Shaw , Microsoft	
	<input type="checkbox"/>	18 Alien Dictionary	https://leetcode.com/problems/alien-dictionary/	Hard	Solution Link	Amazon , Google , LinkedIn , Doordash, Flipkart , Adob	
GRAPH	<input type="checkbox"/>	19 Cheapest Flights within K Stops	https://leetcode.com/problems/cheapest-flights-within-k-stops/	Medium	Solution Link	Google , amazon , meta , adobe , uber	
	<input type="checkbox"/>	20 Clone a Graph	https://leetcode.com/problems/clone-graph/	Medium	Solution Link	Amazon , Microsoft , Meta , LinkedIn , Oracle , AppNexus , Microsoft	
	<input type="checkbox"/>	21 Most Stones Removed	https://leetcode.com/problems/most-stones-removed/	Medium	Solution Link	Microsoft , Flipkart , Pinterest , Meta , Uber , Samsung	
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						

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Mark as Done	Question	Link	Difficulty	Companies		Pre-requisites	
				Video SOLUTION	Paytm		
DP	22 Number of Provinces	https://leetcode.com/problems/number-of-provinces/	Medium	Phonepe , Google , Apple , Microsoft , Amazon		Amazon , Accenture , Uber , Adobe , Meta , Google Accolite Amazon Morgan Stanley Oracle Paytm Sa Microsoft	
	23 Number of Ways to Arrive at Destination	https://leetcode.com/problems/number-of-ways-to-arrive-at-a-destination/	Medium	Sprinklr , Google , Amazon , Meta			
	24 Topological Sorting (BFS)	https://leetcode.com/problems/topological-sorting/	Hard	Google , Amazon , Meta			
	25 Dijkstra's Algorithm	https://leetcode.com/problems/dijkstra-s-shortest-path-in-a-grid/	Hard	Airbnb , Citadel , Uber , Google , Meta , Airbnb			
	26 Kruskal's Algorithm (MST)	https://leetcode.com/problems/minimum-spanning-tree/	Hard				
	1 Buy & Sell Stocks I	Problem Link	Easy	Amazon DE-Shaw Directi Flipkart Goldman Sachs		Amazon Directi Flipkart GreyOrange Microsoft Mc Myntra , Microsoft , Meta , Amazon Amazon , Google Adobe , Salesforce , Amazon , Google , Microsoft , Int Amazon , Microsoft , Meta , TCS , Oracle Morgan Stanley , Amazon , Microsoft Goldman Sachs , Paypal , Salesforce , Atlassian , Int Amazon , Google , LinkedIn , Cisco , TCS , Meta , Ci Google + Goldman Sachs + Citrix , TCS , Meta , Adot Amazon , Goldman Sachs , Apple , Adobe , TCS , Uber Amazon + Google Google , Microsoft , Tower Research Capital Orac Walmart + Flipkart Amazon , Google , Meta , Microsoft , Infosys Oracle , Phonepe , Adobe , Apple LinkedIn , DE Shaw , Adobe , Uber , Meta , Amazon Uber , Samsung , Arcesium , Google , amazon , meta Microsoft + Amazon + Ola , Salesforce , Apple Amazon DE-Shaw Goldman Sachs Google Hike M Amazon , microsoft , google , meta	
	2 0-1 Knapsack	Problem Link	Medium				
	3 Target Sum Subset	Problem Link	Medium				
	4 Unbounded Knapsack	Problem Link	Medium				
	5 Coin Change	Problem Link	Medium				
	6 Longest Common Subsequence	Problem Link	Medium				
	7 Longest Common Substring	Problem Link	Medium				
	8 Edit Distance	Problem Link	Medium				
	9 Longest Increasing Subsequence	Problem Link	Medium				
	10 Palindromic Partitioning (MCM)	Problem Link	Medium				
	11 Max Product Subarray	Problem Link	Medium				
	12 Unique BSTs	Problem Link	Medium				
	13 Longest Palindromic Subsequence	Problem Link	Medium				
	14 Buy & Sell Stocks II	Problem Link	Medium				
	15 Nth Catalan	Problem Link	Medium				
	16 Minimum Partitioning	Problem Link	Hard				
	17 Wildcard Pattern Matching	Problem Link	Hard				
	18 Rod Cutting	Problem Link	Hard				
	19 Egg Dropping	Problem Link	Hard				
	20 Longest Bitonic Subsequence	Problem Link	Hard				
	21 MCM	Problem Link	Hard				
	1 Assign Cookies	Problem Link	Easy	Amazon , Accenture , Uber , Adobe , Meta , Google		GREEDY	
	2 Indian Coins	Problem Link	Medium	Accolite Amazon Morgan Stanley Oracle Paytm Sa			
	3 Fractional Knapack	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 , aol , google , phoneme			