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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	<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 substrng 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	
	<input type="checkbox"/>	7	Median of 2 Sorted Arrays	Problem Link	Hard		Amazon Samsung Microsoft Google	
	<input type="checkbox"/>	1	Valid Palindrome	Problem Link	Easy	Solution Link	Amazon Cisco DEShaw Facebook FactSet MorganSt	
	<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	

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STRINGS	<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 ,salesforc	
	<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,	
	<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 netw	
	<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,	
	<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, m	
	<input type="checkbox"/>	4	Valid Parenthesis	Problem Link	Easy	Solution Link	Google , meta , amazon, linkedin , intuit , visa , IBM	

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	Mark as Done		Question	Link	Difficulty	Video SOLUTION	Companies	Pre-requisites
STACK & QUEUE	<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		
BINARY TREES	<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	Solution Link	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	
	<input type="checkbox"/>	12	Top View of a Tree	Problem Link	Medium	Solution Link	amazon, google, meta, linkedin , apple, adobe,micro	
	<input type="checkbox"/>	13	Bottom View of a Tree	Problem Link	Medium		meta , amazon, google , uber, oracle, flipkart , JP mc	
	<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,ado	
	<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, Myntra , adobe, or	
	<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, Wi	
	<input type="checkbox"/>	23	Max Path Sum	Problem Link	Hard		Google, Meta , Amazon , Oracle, Salesforce, Goldma	
	<input type="checkbox"/>	24	Kth Ancestor	Problem Link	Hard		Google , Amazon ,Microsoft	
	<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 , Sams	
	<input type="checkbox"/>	3	Validate BST	Problem Link	Medium	Solution Link	Amazon, Google, Meta, Salesforce, IBM , Adobe, Cit	

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BST	<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, Salesforce,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 ,ul	
	<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, Micr	
<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/	Medium		Amazon, Meta , apple, phonepe , salesforce	
	<input type="checkbox"/>	5	Median from Stream	https://leetcode.com/problems/find-median-from-data-stream/	Hard		Google, Amazon, Meta, Apple, Microsoft, Pinterest	
	<input type="checkbox"/>	6	Smallest Range in K Sorted List	https://leetcode.com/problems/smallest-range-in-k-sorted-lists/	Hard		Amazon, Phonepe , Meta , Microsoft , Flipkart , DE sh	
TRIE	<input type="checkbox"/>	1	Longest Common Prefix	https://leetcode.com/problems/longest-common-prefix/	Easy		amazon, TCS, Visa, Accenture, Infosys , Deloitte , Go	
	<input type="checkbox"/>	2	Word Break Problem	https://leetcode.com/problems/word-break/	Medium		Amazon, Google , Netflix , Intuit , Walmart Labs , S	
	<input type="checkbox"/>	3	Implement a Phone Directory	https://leetcode.com/problems/implement-trie/	Medium		Google	
	<input type="checkbox"/>	4	Implement a Trie	https://leetcode.com/problems/implement-trie/	Medium		Google, Amazon, Apple, Meta, Uber, Nvidia , Samsu	
	<input type="checkbox"/>	5	Longest String with All Prefix	https://leetcode.com/problems/longest-string-with-all-prefixes/	Medium		Google	
GRAPH	<input type="checkbox"/>	1	Flood Fill Algorithm	https://leetcode.com/problems/flood-fill/	Easy		Samsung , Flipkart ,SAP Labs , Ola , amazon, micros	
	<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/	Medium	Solution Link	Amazon, Meta , Google, Visa, Adobe, Microsoft, App	
	<input type="checkbox"/>	4	Detect cycle in undirected using BFS	https://leetcode.com/problems/cycle-finding-in-undirected-graph/	Medium		Amazon, Meta , Google, Visa, Adobe, Microsoft, App	
	<input type="checkbox"/>	5	Detect cycle in undirected using DFS	https://leetcode.com/problems/cycle-finding-in-undirected-graph/	Medium		Google , Meta , microsoft, Inmobi , Amazon	
	<input type="checkbox"/>	6	Detect cycle in directed using BFS	https://leetcode.com/problems/cycle-finding-in-directed-graph/	Medium		Google , Meta , microsoft, Inmobi , Amazon	
	<input type="checkbox"/>	7	Detect cycle in directed using DFS	https://leetcode.com/problems/cycle-finding-in-directed-graph/	Medium		Google, Amazon, Meta ,Microsoft, Apple, uber, Ado	
	<input type="checkbox"/>	8	Topological Sorting (DFS)	https://leetcode.com/problems/course-schedule/	Medium		Flipkart, Morgan Stanley, Accolite, Amazon , Micros	
	<input type="checkbox"/>	9	Prim's Algorithm (MST)	https://leetcode.com/problems/minimum-spanning-tree/	Medium		Flipkart, Morgan Stanley, Accolite, Amazon , Micros	
	<input type="checkbox"/>	10	Bellman Ford Algorithm	https://leetcode.com/problems/shortest-path-in-weighted-undirected-graph-with-negative-edges/	Medium		Amazon, Google, Meta, Salesforce, Intuit , LinkedIn , I	
	<input type="checkbox"/>	11	Floyd Warshall Algo	https://leetcode.com/problems/shortest-path-in-weighted-undirected-graph-with-negative-edges/	Medium		flipkart, microsoft	
	<input type="checkbox"/>	12	Kosaraju Strongly Connected Components	https://leetcode.com/problems/strongly-connected-components/	Medium		Amazon, Meta , Stripe, Airbnb , Oracle, DE Shaw, Ap	
	<input type="checkbox"/>	13	Check Bi-partite Graph	https://leetcode.com/problems/is-graph-bipartite/	Medium		Amazon , Adobe, Directi,Uber,DE shaw, Microsoft	

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	<input type="checkbox"/>	5	Activity Selection	Problem Link	Medium		Meta, amazon , google , microsoft	
	<input type="checkbox"/>	6	Job Scheduling	Problem Link	Hard		amazon , microsoft , airbnb, adobe,phonepe	