			This sheet is prepared by Tec	hthlasstro Community Techthasstro is darting 75 days coding challenge to help you learn and expertise DSA and Coding.
				Indicidations a Special Program for Conference on Conferen
				We will state topic-wise DSA question every day and have a discussion at the end of the day.
				Apart from harmings and daily live classes you will also get rewards on completing the milestones.
				Missister 1. If day Fine Research and read Missister 2. If day Fine Research and read Missister 2. 2 days Fine Research Research (See Research Rese
				Milestora 4 - 16 days - Conder San Milestora 4 days - Conder San Milestora 4 days - 16
			What is 75 days challenge	Share this challenge on linkerin to be eligible for the rewards
			Linkedin - Follow for regular updates	15th Control (15th Control (15
			Discord	https://discord.og/EMS57/UlakP
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			Find middle of LinkedList	https://leetcode.com/problems/middle-of-the-linked-list/ https://leetcode.com/problems/merge-two-sorted-lists/							
			Merge two sorted Linked List Remove Nuth node from back of Li	https://leetcode.com/problems/merge-two-sorted-lists/ https://leetcode.com/problems/remove-nth-node-from-end-of-list/							
			Remove N-01 House Holli back of El	Into Meeting Compropersion Processing Comprehensive							
Day Twenty One	13/04/2022		Delete a given Node when a node	https://leetcode.com/problems/delete-node-in-a-linked-list/							
			Add two numbers as LinkedList	https://leetcode.com/problems/add-two-numbers-ii/							
			Chart if a Linbard let in policy and	https://leetcode.com/problems/intersection-of-two-linked-lists/ https://leetcode.com/problems/palindrome-linked-list/							
Day Twenty Two	14/04/2022		Reverse a LinkedList in groups.	https://leetcode.com/problems/reverse-nodes-in-k-group/							
			Detect a cycle and removing loop()	https://leetcode.com/problems/linked-list-cycle-li/ https://leetcode.com/problems/rotate-list/							
Day Twenty Thr	15/04/2022		Flattening of a LinkedList	https://leetcode.com/problems/flatten-a-multilevel-doubly-linked-list/ https://leetcode.com/problems/copy-list-with-random-pointer/							
			Clone a Linked List with random as	https://leetcode.com/problems/copy-list-with-random-pointer/							
				https://leetcode.com/problems/find-the-duplicate-number/							
Stack and Queue											
Day Twenty Fou	16/04/2022	Stack		https://leetcode.com/problems/next-greater-element-i/							
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				https://eetcode.com/problems/implement-queue-using-stacks/							
Day Twenty Five	17/04/2022			https://leetcode.com/problems/valid-parentheses/							
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Day Thirty	22/04/2022			https://leetcode.com/problems/sum-of-left-leaves/ https://leetcode.com/problems/balanced-binary-tree/							
				https://leetcode.com/problems/maximum-width-of-binary-tree/							
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Day Thirty One	23/04/2022			https://eetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/							
				https://leetcode.com/problems/binary-tree-right-side-view/							
				https://leetcode.com/problems/all-nodes-distance-k-in-binary-tree/ https://leetcode.com/problems/serialize-and-deserialize-binary-tree/							
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				https://leetcode.com/problems/flatten-binary-tree-to-linked-list/							
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881		Binary search tr	10								
Day Thirty Four	26/04/2022	Disay search o		https://www.geeksforgeeks.org/hinary-search-tree-set-1-search-and-insertion/							
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				https://leetcode.com/problems/validate-binary-search-tree/							
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Heap and PQ											
Day Thirty Seve	29/04/2022	Heap	Implementation								
			Binary heap	https://www.geeksforgeeks.org/binary-heap/							
			Time complexity of building a heap Application of heap	https://www.geeksforgeeks.org/lime-complexity-of-building-a-heap/ https://www.geeksforgeeks.org/applications-of-heap-data-shusture/							
			Heap sort	https://www.geeksforgeeks.org/heap-sort/							
			Priority Queue	https://www.geeksforgeeks.org/why-is-binary-heap-preferred-over-bst-for-priority-queue/							
Day Thirty F'-1	20/04/2000			https://www.geeksforgeeks.org/merge-ik-sorted-arrays/							
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				https://eetcode.com/problems/find-median-from-data-stream/							
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Day Thirty Nine	01/05/2022			https://leetcode.com/problems/merge-ik-sorted-lists/							
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				https://leetcode.com/problems/top-k-frequent-elements/							
Day Fourty	02/05/2022			https://leetcode.com/problems/task-scheduler/							
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Greedy											
Day Fourty One	03/05/2022	Greedy	N meeting in one room	https://practice.geeksforgeeks.org/problems/n-meetings-in-one-room-1587115620/1 https://practice.geeksforgeeks.org/problems/activity-selection-1587115620/1							
			Activity Selection	https://practice.geeksforgeeks.org/problems/activity-selection-1587115820/1							
			Greedy algorithm to find minimum	https://www.geeksforgeeks.org/greedy-algorithm-to-find-minimum-number-of-coins/							
Day Fourty Two	04/05/2022		Fractional Knapsack Problem	https://practice.geeksforgeeks.org/problems/fractional-knapsack-1587115620/1/							
			Minimum number of platforms requ	https://practice.geeksforgeeks.org/problems/minimum-platforms-1587115620/1							
			Job sequencing Problem	https://practice.geeksforgeeks.org/problems/job-sequencing-problem-1587115620/1							
Backtracking											
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Day Fourty Thre	05/05/2022	Backtracking	Rat In a Maze Knight Tour Problem	https://www.geekstorgeeks.org/int-lin-a-mare-banktracking-2/ https://www.geekstorgeeks.org/int-in-ipits-four-problem-banktracking-1/ https://www.geekstorgeeks.org/in-bant-sum-banktracking-4/							
			Subset Sum								

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			Sudoku problem	https://www.geeksforgeeks.org/sudoku-backtracking-7/							
			DODANO probatii	https://eetcode.com/problems/sudoku-solver/							
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Day Fourty Sevi	9/5/202	22 Dynamic Progr	amming	https://www.geeksforgeeks.org/dynamic-programming/	https://youtu.be/PHmgyQVKduc						
				https://www.hackerearth.com/practice/algorithms/idynamic-programming/introduction-to-dynamic-programming-1/	ul https://www.youtube.com/watch?v=tyB0ztf0DNY&list=PL	gUwDvBtf0qUt5H_kiKYaNS	igJ81PMMY&index=2				
				https://www.nackerearth.com/practice/algor/thms/gnamic-programming-infroduction-to-dynamic-programming-1/ https://leetcode.com/discuss/speneral-discussion/458695/dynamic-programming-patterns	https://www.youtube.com/watch?v=mmjDZGSr7EA&list=	PLqM7a/HXFySGbXhWx7s8	3JEwY2DnhDjmxm				
				https://leetcode.com/discuss/igeneral-discussion/662866/Dynamic-Programming-for-Practice-Problems-Patterns-	2						
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,,			Longest Increasing Subsequence	https://leetcode.com/problems/longest-increasing-subsequence/							
			Longest Common Subsequence	https://leetcode.com/problems/longest-common-subsequence/							
			0-1 Knansack								
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			Maximum sum increasing subseq	https://practice.geeksforgeeks.org/problems/maximum-sum-increasing-subsequence4749/1							
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		_	Maximum sum path in matrix, (cor	https://leetcode.com/problems/minimum-path-sum/							
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			Rod Cutting	https://practice.geeksforgeeks.org/problems/rod-cutting0840/1							
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			Word Break	https://eetcode.com/problems/word-break/							
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			Representation Breadth First Search	https://www.geeksforgeeks.org/graph.and-its-representations/ https://www.geeksforgeeks.org/breadth-first-search-or-bfs-for-a-graph/							
			Depth First Search	https://www.geeksforgeeks.org/depth-first-search-or-dfs-for-a-graph/							
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			Prim's Algorithm/Minimum Spanning	https://www.geeksforgeeks.org/prims-minimum-spanning-tree-mst-greedy-algo-5/							
Day Fifty Five	17/5/202	22	Dijkstra's Algorithm	https://www.geeksforgeeks.org/dikstras-shortest-path-algorithm-greedy-algo-7/							
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			Boruvka's algorithm	https://www.geeksforgeeks.org/bonzvkas-algorithm-greedy-algo-9/							
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			Kosaraju's algorithm	https://www.geeksforgeeks.org/connectivity-in-a-directed-graph/							
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			Eulerian path and circuit	https://www.geeksforgeeks.org/eulerian-path-and-circuit/							
			Topological Sort	https://www.geeksforgeeks.org/topological-sorting/							
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			Find and Union operations	https://www.geeksforgeeks.org/union-find/							
			Union by rank	https://www.geeksforgeeks.org/union-find-algorithm-union-rank-find-optimized-path-compression/							
			Path compression	https://www.geeksforgeeks.org/union-find-algorithm-union-rank-find-optimized-path-compression/							
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Strings											
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	29/5/202	22	KMP	https://www.geeksforgeeks.org/kmp-algorithm-for-pattern-searching/							
			Robin Karp	https://www.geeksforgeeks.org/rabin-karp-algorithm-for-pattern-searching/							
			Z Algo	https://www.geeksforgeeks.org/z-algorithm-linear-time-pattern-searching-algorithm/							
				https://leetcode.com/problems/add-strings/							
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			https://eefcode.com/problems/minimum-remove-to-make-valid-parentheses/							
			https://eetcode.com/problems/longest-palindromic-substring/							
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			https://leetcode.com/problems/generate-parentheses/							
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			https://eetcode.com/problems/sliding-window-median/							
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		Delete	https://www.geeksforgeeks.org/trie-delete/							
			https://leetcode.com/problems/implement-trie-prefix-tree/							
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			https://www.geeksforgeeks.org/longest-prefix-matching-a-trie-based-solution-in-java/							
			https://www.geeksforgeeks.org/implement-reverse-dns-look-cache/							
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Day Seventy Four		Maths	https://eetcode.com/problems/happy-number/							
			https://leetcode.com/problems/maximum-product-of-three-numbers/							
			https://leetcode.com/problems/encode-and-decode-tinyuri/							
			https://leetcode.com/problems/string-to-integer-atol/							
Day Seventy Five			https://leetcode.com/problems/happy-number/							
			https://leetcode.com/problems/multiply-strings/							
			https://leetcode.com/problems/angle-between-hands-of-a-clock/							
			https://leetcode.com/problems/integer-break/							