

Biotonic array	Number of times array is sorted	https://www.geeksforgeeks.org/problems/sort472017	Best Tutorial link - click to view	Article link click to view		
	Maximum element in sorted rotated array	https://www.geeksforgeeks.org/problems/sort472017	Best Tutorial link - click to view	Article link click to view		
Matrix	Find the peak element	https://www.geeksforgeeks.org/problems/peak-element17	Best Tutorial link - click to view	Article link click to view		
	Search element in biotonic array	https://www.interviewbit.com/problems/search-in-biotonic-array/	Best Tutorial link - click to view	Article link click to view		
Application(Super Imp)	Find row with maximum number of 1's	https://www.geeksforgeeks.org/problems/binary-matrix-having-maximum-number-of-1s-1706417	Best Tutorial link - click to view	Article link click to view		
	Search in row wise column wise sorted matrix	https://www.geeksforgeeks.org/problems/search-in-a-matrix-15871156217	Best Tutorial link - click to view	Article link click to view		
	Search in sorted matrix II	https://leetcode.com/problems/search-a-2d-matrix-ii/	Best Tutorial link - click to view	Article link click to view		
	Find peak in sorted matrix	https://leetcode.com/problems/find-a-peak-element-ii/	Best Tutorial link - click to view	Article link click to view		
	Aggressive cows	https://www.geeksforgeeks.org/problems/aggressive-cows17	Best Tutorial link - click to view	Article link click to view		
	Allocate minimum pages	https://www.geeksforgeeks.org/problems/allocate-minimum-number-of-pages093717	Best Tutorial link - click to view	Article link click to view		
	Painter partition	https://www.geeksforgeeks.org/problems/the-painter-partition-problem15347	Best Tutorial link - click to view	Article link click to view		
	Split array largest sum	https://www.geeksforgeeks.org/problems/split-array-largest-sum-14163417	Best Tutorial link - click to view	Article link click to view		
	Minimum num of days to make m bouquets	https://leetcode.com/problems/minimum-number-of-days-to-make-m-bouquets/	Best Tutorial link - click to view	Article link click to view		
	Capacity to ship packages within D days	https://www.geeksforgeeks.org/problems/capacity-to-ship-packages-within-d-days17	Best Tutorial link - click to view	Article link click to view		
	koko eating bananas	https://leetcode.com/problems/koko-eating-bananas/	Best Tutorial link - click to view	Article link click to view		
	kth smallest number in matrix multiplication table	https://leetcode.com/problems/kth-smallest-number-in-multiplication-table/	Best Tutorial link - click to view	Article link click to view		
	kth smallest pair distance	https://leetcode.com/problems/find-k-th-smallest-pair-distance/	Best Tutorial link - click to view	Article link click to view		
	Ugly number II	https://leetcode.com/problems/ugly-number-ii/	Best Tutorial link - click to view	Article link click to view		
	Median of 2 sorted arrays	Median of 2 Sorted Arrays of Different Sizes Question GeeksforGeeks	Best Tutorial link - click to view	Article link click to view		
	Find smallest divisor given threshold	Find the Smallest Divisor Given a Threshold - LeetCode	Best Tutorial link - click to view	Article link click to view		
Sorting - Algo						
Basics	Bubble sort(very basic sorting technique)	https://www.geeksforgeeks.org/problems/bubble-sort17	Best Tutorial link - click to view	Article link click to view		
	Selection sort	https://www.geeksforgeeks.org/problems/selection-sort17	Best Tutorial link - click to view	Article link click to view		
	Insertion sort	https://www.geeksforgeeks.org/problems/insertion-sort17	Best Tutorial link - click to view	Article link click to view		
	Merge sort	https://www.geeksforgeeks.org/problems/merge-sort17	Best Tutorial link - click to view	Article link click to view		
	Quick sort	https://www.geeksforgeeks.org/problems/quick-sort17	Best Tutorial link - click to view	Article link click to view		
LinkedList - Data structure						
Basic patterns	Completely understand how Node in linked list is represented and then go ahead with the patterns					
	Create, Insert, Delete Operations in LL		Best Tutorial link - click to view	Article link click to view		
	Search for an element in LL(Once create, insert is done, this should be easy)	https://www.geeksforgeeks.org/problems/search-in-linked-list-16643432017	Best Tutorial link - click to view	Article link click to view		
	Reverse a LL(Learn the O space approach, learn recursive & iterative soln)	https://www.geeksforgeeks.org/problems/reverse-a-linked-list17	Best Tutorial link - click to view	Article link - click to view		
	Check if LL is a Palindrome(Once reversing is learnt, this should be easy)	https://www.geeksforgeeks.org/problems/check-if-linked-list-is-palindrome17	Best Tutorial link - click to view	Article link - click to view		
	Middle element of LL (Learn efficient approach)	https://www.geeksforgeeks.org/problems/middle-element-of-linked-list17	Best Tutorial link - click to view	Article link - click to view		
	Find the intersection point of Y LL(Once you know traversal, apply node logic to solve this)	https://www.geeksforgeeks.org/problems/intersection-point-in-y-shapped-linked-list17	Best Tutorial link - click to view	Article link - click to view		
	Union and Intersection of LL	https://www.geeksforgeeks.org/problems/union-of-two-linked-list17	Best Tutorial link - click to view	Article link - click to view		
	Delete without head pointer	https://www.geeksforgeeks.org/problems/delete-without-head-pointer17	Best Tutorial link - click to view	Article link - click to view		
Loop	Count pairs with given sum	https://www.geeksforgeeks.org/problems/count-pairs-whose-sum-is-equal-to-x17	Best Tutorial link - click to view	Article link - click to view		
	Reverse LL in groups of given size(Once you learn reverse of LL's efficient approach, you can try this)	https://www.geeksforgeeks.org/problems/reverse-a-linked-list-in-groups-of-given-size17	Best Tutorial link - click to view	Article link - click to view		
	Detect loop in LL(Once this is learnt, all the loop pattern probs below should be easy)	https://www.geeksforgeeks.org/problems/detect-loop-in-linked-list17	Best Tutorial link - click to view	Article link - click to view		
	Find length of loop in LL	https://www.geeksforgeeks.org/problems/length-of-loop17	Best Tutorial link - click to view	Article link - click to view		
	Find the starting point of loop	https://www.geeksforgeeks.org/problems/find-the-first-node-of-loop-in-linked-list-1706417	Best Tutorial link - click to view	Article link - click to view		
	Remove the loop	https://www.geeksforgeeks.org/problems/remove-loop-in-linked-list17	Best Tutorial link - click to view	Article link - click to view		
Sorting, Merging & Related						
	Sort 0s, 1s, 2s in LL	https://www.geeksforgeeks.org/problems/given-a-linked-list-of-0s-1s-and-2s-sort-it17	Best Tutorial link - click to view	Article link click to view		
	Pairwise swap elements	https://www.geeksforgeeks.org/problems/pairwise-swap-elements-of-a-linked-list-by-swapping-data17	Best Tutorial link - click to view	Article link click to view		
	Merge k sorted LL(Merge two sorted is easy version of this ques, if you are finding it diff to come up with logic, first solve that)	https://www.geeksforgeeks.org/problems/merge-two-sorted-linked-lists17	Best Tutorial link - click to view	Article link click to view		
	Merge sort in LL	https://www.geeksforgeeks.org/problems/merge-sort-a-linked-list17	Best Tutorial link - click to view	Article link click to view		
	Quick sort in LL	https://www.geeksforgeeks.org/problems/quick-sort-on-linked-list17	Best Tutorial link - click to view	Article link click to view		
	Remove occurrence of duplicates in sorted & unsorted LL	https://www.geeksforgeeks.org/problems/remove-duplicate-element-from-sorted-linked-list17	Best Tutorial link - click to view	Article link click to view		
Arithmetic(Reversal & traversal - Once you learnt these, you can solve probs in this pattern)	Segregate even and odd nodes in LL	https://practice.geeksforgeeks.org/problems/segregate-even-and-odd-nodes-in-a-linked-list070417	Best Tutorial link - click to view	Article link click to view		
	Add 1 to a number represented as LL	https://practice.geeksforgeeks.org/problems/add-1-to-a-number-represented-as-linked-list1	Best Tutorial link - click to view	Article link click to view		
	Add 2 numbers represented as LL	https://practice.geeksforgeeks.org/problems/add-two-numbers-represented-by-linked-lists1	Best Tutorial link - click to view	Article link click to view		
Must solve other probs(Try to solve these probs on own, brute force atleast you can come up for most of them after solving above)	Subtraction on LL(Comes under hard but should be solvable once the above ones are solved)	https://www.geeksforgeeks.org/problems/subtraction-in-linked-list17	Best Tutorial link - click to view	Article link click to view		
	Rotate LL	https://www.geeksforgeeks.org/problems/rotate-list17	Best Tutorial link - click to view	Article link click to view		
	Flattening a LL(make sure to learn the efficient approach)	https://www.geeksforgeeks.org/problems/flattening-a-linked-list-17064017	Best Tutorial link - click to view	Article link click to view		
	Delete nodes having greater value on right	https://practice.geeksforgeeks.org/problems/delete-nodes-having-greater-value-on-right17	Best Tutorial link - click to view	Article link click to view		
	Delete N nodes after M nodes	https://www.geeksforgeeks.org/problems/delete-n-nodes-after-m-nodes-of-a-linked-list17	Best Tutorial link - click to view	Article link click to view		
	Delete all occurrence of node	https://www.geeksforgeeks.org/problems/delete-n-nodes-after-m-nodes-of-a-linked-list17	Best Tutorial link - click to view	Article link click to view		
	Clone a LL	https://www.geeksforgeeks.org/problems/clone-a-linked-list-with-next-and-random-pointers17	Best Tutorial link - click to view	Article link click to view		
	Length of longest palindrome in LL	https://www.geeksforgeeks.org/problems/length-of-longest-palindrome-in-linked-list17	Best Tutorial link - click to view	Article link click to view		
	Learn the basics of circular LL	https://www.geeksforgeeks.org/problems/circular-linked-list17	Best Tutorial link - click to view	Article link click to view		
Double Linked List	Learn the basic representation of the nodes in LL		Best Tutorial link - click to view	Article link click to view		
	Insert, Delete, Reverse DLL	https://www.geeksforgeeks.org/problems/reverse-a-doubly-linked-list17	Best Tutorial link - click to view	Article link click to view		
	Pairs with given sum in DLL	https://www.geeksforgeeks.org/problems/pairs-with-given-sum-in-doubly-linked-list17	Best Tutorial link - click to view	Article link click to view		
Stack - Data structure						
Basic	What is stack? Learn how to represent the data structure and working of it	https://www.geeksforgeeks.org/problems/implement-stack-using-array17	Best Tutorial link - click to view	Article link click to view		
	Implement 2 stack using array	https://www.geeksforgeeks.org/problems/implement-two-stacks-in-an-array17	Best Tutorial link - click to view	Article link click to view		
	Check for balanced parenthesis	https://www.geeksforgeeks.org/problems/parenthesis-checker274417	Best Tutorial link - click to view	Article link click to view		
Next greater element	Get min from stack in O(1) space and time	https://www.geeksforgeeks.org/problems/get-minimum-element-from-stack17	Best Tutorial link - click to view	Article link click to view		
	Next greater element	https://www.geeksforgeeks.org/problems/next-larger-element-158711562017	Best Tutorial link - click to view	Article link click to view		
	Next greater element II	https://leetcode.com/problems/next-greater-element-ii/	Best Tutorial link - click to view	Article link click to view		
Next smallest element(Once above pattern is covered, try to solve this on own)	Next smallest element on left	https://www.geeksforgeeks.org/problems/help-classmates-1416311717	Best Tutorial link - click to view	Article link click to view		
	Next smallest element on right	https://www.geeksforgeeks.org/problems/next-smaller-element-11125817	Best Tutorial link - click to view	Article link click to view		
	Stock span problem(implementation prob - Try to figure out the pattern from above next greater & smaller)	https://www.geeksforgeeks.org/problems/stock-span-problem-15871156217	Best Tutorial link - click to view	Article link click to view		
	Trapping rainwater	https://www.geeksforgeeks.org/problems/trapping-rain-water-15871156217	Best Tutorial link - click to view	Article link click to view		

	Maximum rectangular area on histogram(Once next greater and next smallest pattern is covered, this can be solved easily)	https://www.geeksforgeeks.org/problems/maximum-rectangular-area-in-a-histogram-15871562001?page=1&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Expressions	Max rectangle(Same as above, just a small twist)	https://www.geeksforgeeks.org/problems/max-rectangle17?page=1&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Infix to postfix	https://www.geeksforgeeks.org/problems/infix-to-postfix-158715620017?page=2&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Evaluation of postfix expression	https://www.geeksforgeeks.org/problems/evaluation-of-postfix-expression-1755175517?page=1&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Prefix to postfix	https://www.geeksforgeeks.org/problems/prefix-to-postfix-15871562001?page=1&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Arithmetic expression evaluation	https://www.codingninjas.com/studio/problems/arithmetic-expression-evaluation_1172617	Best Tutorial link - click to view	Article link-click to view		
Reversing stack	Insert at bottom of stack	https://www.geeksforgeeks.org/problems/insert-an-element-at-the-bottom-of-a-stack17?page=1&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Reverse a stack	https://www.geeksforgeeks.org/problems/reverse-a-stack17?page=2&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Sort stack(Solving above two can give you hint for this)	https://www.geeksforgeeks.org/problems/sort-a-stack17?page=1&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Implementation probs	Celebrity problem	https://www.geeksforgeeks.org/problems/the-celebrity-problem17?page=1&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Restrictive candy crush	https://www.geeksforgeeks.org/problems/restrictive-candy-crush-14163117?page=1&category=Stack&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Count the reversals	https://www.geeksforgeeks.org/problems/count-the-reversals040117?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Queue - Data structure						
Basic pattern						
	What is queue? Learn the basic representation and how its implemented?	https://www.geeksforgeeks.org/problems/implement-queue-using-array17?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Implement queue using linkedlist	https://www.geeksforgeeks.org/problems/implement-queue-using-linked-list17?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Implement queue using stack(super imp)	https://www.geeksforgeeks.org/problems/queue-using-two-stacks17?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Implement stack using queue(super imp)	https://www.geeksforgeeks.org/problems/stack-using-two-queues17?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Reverse a queue	https://www.geeksforgeeks.org/problems/queue-reversal17?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Implementation probs	Circular tour	https://www.geeksforgeeks.org/problems/circular-tour-158715620017?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	First non repeating char in stream	https://www.geeksforgeeks.org/problems/first-non-repeating-character-in-a-stream21617?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Reverse first k elements in queue	https://www.geeksforgeeks.org/problems/reverse-first-k-elements-of-queue17?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	LRU Cache(super imp)	https://www.geeksforgeeks.org/problems/lru-cache17?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum cost of ropes	https://www.geeksforgeeks.org/problems/minimum-cost-of-ropes-158715620017?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Nearly sorted(Learn priority queue for sure)	https://www.geeksforgeeks.org/problems/nearly-sorted-158715620017?page=1&category=Queue&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Sliding Window - Technique						
(Court dip the topic , personally have been asked this topic many interview)		https://leetcode.com/problems/longest-substring-without-repeating-characters/				
Fixed Sliding Window(Size of the window will be provided)						
	Maximum sum subarray of size k	https://www.geeksforgeeks.org/problems/sum-subarray-of-size-k313117?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Count distinct element in every window(Once you understand handling window size fixed from above prob, this will be easy)	https://www.geeksforgeeks.org/problems/count-distinct-elements-in-every-window17?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	First negative integer in every window of size k(Try to solve on own before looking for soln since you did above topics too already)	https://www.geeksforgeeks.org/problems/first-negative-integer-in-every-window-of-size-k34617?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Maximum of all subarray of size k(Try to solve on own)	https://www.geeksforgeeks.org/problems/maximum-of-all-subarrays-of-size-k310117?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Count subarray of length k with k-1 distinct elements	https://www.geeksforgeeks.org/problems/count-subarray-of-length-k-with-k-1-distinct-elements17?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Maximum of minimum for every window(imp)	https://www.geeksforgeeks.org/problems/maximum-of-minimum-for-every-window-size34517?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Variable sliding window(Each prob will teach something in addition to the window so do solve everything)						
	Subarray with given sum	https://www.geeksforgeeks.org/problems/subarray-with-given-sum-15871562117?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Longest subarray with given sum k(Same as above with slight modification)	https://www.geeksforgeeks.org/problems/longest-subarray-with-sum-k505017?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Subarray with 0 sum	https://www.geeksforgeeks.org/problems/subarray-with-0-sum-15871562117?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Smallest window of distinct elements	https://www.geeksforgeeks.org/problems/smallest-distinct-window13217?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Smallest window containing 0,1,2	https://www.geeksforgeeks.org/problems/smallest-window-containing-0-1-and-2-17063717?page=2&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Smallest window in string containing all chars of another string	https://www.geeksforgeeks.org/problems/smallest-window-in-a-string-containing-all-the-characters-of-another-string-15871562117?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Length of longest substring	https://www.geeksforgeeks.org/problems/length-of-the-longest-substring303017?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Largest subarray of 0s and 1s	https://www.geeksforgeeks.org/problems/largest-subarray-of-0s-and-1s12?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Count of anagram occurrence(Super imp)	https://www.geeksforgeeks.org/problems/count-occurrences-of-anagrams503017?page=1&category=Sliding-Window&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Max consecutive ones III	https://leetcode.com/problems/max-consecutive-ones-iii/	Best Tutorial link - click to view	Article link-click to view		
	Fruit into basket	https://leetcode.com/problems/fruit-into-baskets/	Best Tutorial link - click to view	Article link-click to view		
	Count number of nice subarrays	https://leetcode.com/problems/count-number-of-nice-subarrays/	Best Tutorial link - click to view	Article link-click to view		
	Longest repeating char replacement	https://leetcode.com/problems/longest-repeating-character-replacement/	Best Tutorial link - click to view	Article link-click to view		
	Minimum window substring	https://leetcode.com/problems/minimum-window-substring/	Best Tutorial link - click to view	Article link-click to view		
	Minimum window subsequence(Understand the diff between subarray and subsequence before starting this prob)	https://leetcode.com/problems/minimum-window-subsequence/	Best Tutorial link - click to view	Article link-click to view		
	Subarray with k diff integers	https://leetcode.com/problems/subarrays-with-k-different-integers/	Best Tutorial link - click to view	Article link-click to view		
Trees - Data structure						
Traversals						
	Understand the basic of how tree data structure is represented	https://www.geeksforgeeks.org/problems/preorder-traversal17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	PreOrder Traversal	https://www.geeksforgeeks.org/problems/preorder-traversal17?page=2&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	InOrder Traversal	https://www.geeksforgeeks.org/problems/inorder-traversal17?page=2&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	PostOrder Traversal	https://www.geeksforgeeks.org/problems/postorder-traversal17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Level Order Traversal	https://www.geeksforgeeks.org/problems/level-order-traversal17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Boundary Traversal(Once level traversal is learnt, this you can solve)	https://www.geeksforgeeks.org/problems/boundary-traversal-of-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Vertical Traversal(Once level traversal is learnt, this you can solve, if extra logic is needed)	https://www.geeksforgeeks.org/problems/print-a-binary-tree-in-vertical-order17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Top View of BT(Once you have mastered level traversal, this should be easy)	https://www.geeksforgeeks.org/problems/top-view-of-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Bottom View of BT(Once you have mastered level traversal, this should be easy)	https://www.geeksforgeeks.org/problems/bottom-view-of-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Left View of BT(Once you have mastered vertical traversal, this should be easy)	https://www.geeksforgeeks.org/problems/left-view-of-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Right View of BT(Once you have mastered vertical traversal, this should be easy)	https://www.geeksforgeeks.org/problems/right-view-of-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Diagonal Traversal	https://www.geeksforgeeks.org/problems/diagonal-traversal-of-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Basic and Easy patterns(Try to solve these once you learnt traversals)						
	Insert node in a tree	https://www.geeksforgeeks.org/problems/height-of-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Height of the tree	https://www.geeksforgeeks.org/problems/height-of-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Diameter of the tree	https://www.geeksforgeeks.org/problems/diameter-of-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Check if 2 trees are identical	https://www.geeksforgeeks.org/problems/determine-if-two-trees-are-identical17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Check if subtree	https://www.geeksforgeeks.org/problems/check-if-subtree17?page=2&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Check for balanced tree	https://www.geeksforgeeks.org/problems/check-for-balanced-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Lowest common Ancestor in BT	https://www.geeksforgeeks.org/problems/lowest-common-ancestor-in-a-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Sum tree	https://www.geeksforgeeks.org/problems/sum-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Symmetric tree	https://www.geeksforgeeks.org/problems/symmetric-tree17?page=2&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minor of a tree	https://www.geeksforgeeks.org/problems/minor-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Check if isomorphic	https://www.geeksforgeeks.org/problems/check-if-tree-is-isomorphic17?page=2&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Path and Distance						
	Root to leaf paths	https://www.geeksforgeeks.org/problems/root-to-leaf-paths17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Root to leaf path sum (Once the root to leaf path is solved, this should be easy)	https://www.geeksforgeeks.org/problems/root-to-leaf-paths17?page=2&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Maximum path sum from any node(Once the root to leaf path is solved, this should be easy)	https://www.geeksforgeeks.org/problems/maximum-path-sum-from-any-node17?page=3&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	K Sum Paths (Once the root to leaf path is solved, this should be easy)	https://www.geeksforgeeks.org/problems/k-sum-paths17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Nodes at given distance	https://www.geeksforgeeks.org/problems/nodes-at-given-distance-in-binary-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Range sum of BST(Solving nodes at given distance, will make this easy)	https://www.geeksforgeeks.org/problems/range-sum-in-bst17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum distance between 2 nodes(Solving nodes at given distance, will make this easy)	https://www.geeksforgeeks.org/problems/min-distance-between-two-given-nodes-of-a-binary-tree17?page=2&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Maximum distance between node and ancestor(Must solve though distance pattern is covered)	https://www.geeksforgeeks.org/problems/maximum-distance-between-node-and-its-ancestor17?page=3&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Min time to burn a tree(Using distance logic, this can be solved)	https://www.geeksforgeeks.org/problems/burning-tree17?page=1&category=Tree&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		

Binary Search Tree(Once the above patterns are covered, BST probe will become easy, but make sure to learn what BST is in general before starting with probe)					
	Understand what BST is?	https://leetcode.com/problems/insert-into-a-binary-search-tree/	Best Tutorial link - click to view		
	Insert a node in BST	https://leetcode.com/problems/insert-into-a-binary-search-tree/	Best Tutorial link - click to view	Article link-click to view	
	Search a value in BST(Learn efficient algo to do it, since this can be handled efficiently in BST than BT)	https://leetcode.com/problems/search-a-node-in-a-bst/	Best Tutorial link - click to view	Article link-click to view	
	Find minimum and maximum in BST	https://leetcode.com/problems/minimum-and-maximum-element-in-binary-tree/	Best Tutorial link - click to view	Article link-click to view	
	Find the Kth largest element(Kth Smallest in BST(Try to solve it without looking for soln, once you have mastered all the above patterns, this should be easy))	https://leetcode.com/problems/kth-largest-element-in-bst/	Best Tutorial link - click to view	Article link-click to view	
	Check for BST(Try solving probe in this pattern by yourself III LCA once above are solved)	https://leetcode.com/problems/check-for-bst/	Best Tutorial link - click to view	Article link-click to view	
	Find the closest element in BST	https://leetcode.com/problems/find-the-closest-element-in-bst/	Best Tutorial link - click to view	Article link-click to view	
	Count BST nodes in the given range	https://leetcode.com/problems/count-bst-nodes-in-a-given-range/	Best Tutorial link - click to view	Article link-click to view	
	Largest BST in BT(Super imp - Must solve)	https://leetcode.com/problems/largest-bst/	Best Tutorial link - click to view	Article link-click to view	
	Lowest Common Ancestor in BST	https://leetcode.com/problems/lowest-common-ancestor-in-a-bst/	Best Tutorial link - click to view	Article link-click to view	
	Merge two BST(Super imp - Must solve)	https://leetcode.com/problems/merge-two-bst/	Best Tutorial link - click to view	Article link-click to view	
	Inorder successor and predecessor	https://leetcode.com/problems/inorder-successor-in-bst/	Best Tutorial link - click to view	Article link-click to view	
	Populate inorder successor for all nodes	https://leetcode.com/problems/populate-inorder-successor-for-all-nodes/	Best Tutorial link - click to view	Article link-click to view	
	BST to greater sum tree	https://leetcode.com/problems/bst-to-greater-sum-tree/	Best Tutorial link - click to view	Article link-click to view	
	Delete given node from BST	https://leetcode.com/problems/delete-node-in-a-bst/	Best Tutorial link - click to view	Article link-click to view	
Construct from given	Construct Binary Tree from Preorder and Inorder Traversal (First understand the concept of how to derive at the solution, then start coding by yourself)	https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/	Best Tutorial link - click to view	Article link-click to view	
	Construct Binary Tree from Inorder and Postorder Traversal	https://leetcode.com/problems/construct-binary-tree-from-inorder-and-postorder-traversal/	Best Tutorial link - click to view	Article link-click to view	
	Construct BST from given preorder traversal	https://leetcode.com/problems/construct-bst-from-preorder-traversal/	Best Tutorial link - click to view	Article link-click to view	
	Construct BT from parent array	https://leetcode.com/problems/construct-binary-tree-from-parent-array/	Best Tutorial link - click to view	Article link-click to view	
Subtree & Other must do tree probs	Serialize and deserialize BT	https://leetcode.com/problems/serialize-and-deserialize-a-binary-tree/	Best Tutorial link - click to view	Article link-click to view	
	Largest subtree sum in a tree	https://leetcode.com/problems/largest-subtree-sum/	Best Tutorial link - click to view	Article link-click to view	
	Maximum sum of non adjacent nodes	https://leetcode.com/problems/maximum-sum-of-non-adjacent-nodes/	Best Tutorial link - click to view	Article link-click to view	
	Duplicate subtree	https://leetcode.com/problems/duplicate-subtree/	Best Tutorial link - click to view	Article link-click to view	
Backtracking & Recursion Advanced - Technique	Flatten BT to linked list	https://leetcode.com/problems/flatten-binary-tree-to-linked-list/	Best Tutorial link - click to view	Article link-click to view	
	This is super imp topic before moving further!! Draw the recursion tree to understand the flow as the first step, this will help in visualization of the flow	https://leetcode.com/problems/discuss-general-discussion/680269/a-general-approach-to-backtracking-problems-in-exhaustive-searching			
	Understand the basics of backtracking and start solving				
	Permutations of a string	https://leetcode.com/problems/permutations-of-a-string/	Best Tutorial link - click to view	Article link-click to view	
	Permutation II (You can solve on own once you solve above)	https://leetcode.com/problems/permutations-ii/	Best Tutorial link - click to view	Article link-click to view	
	Combination sum I	https://leetcode.com/problems/combination-sum/	Best Tutorial link - click to view	Article link-click to view	
	Combination sum II(Once you solve combination I, you should be able to solve this and below 2 probe too easily)	https://leetcode.com/problems/combination-sum-ii/	Best Tutorial link - click to view	Article link-click to view	
	Combination sum III	https://leetcode.com/problems/combination-sum-iii/	Best Tutorial link - click to view	Article link-click to view	
	Rat in maze(Once above probs are solved, you can do this easily)	https://leetcode.com/problems/rat-in-a-maze-problem/	Best Tutorial link - click to view	Article link-click to view	
	Possible words from phone digits	https://leetcode.com/problems/possible-word-from-telephone-digits/	Best Tutorial link - click to view	Article link-click to view	
	Subsets	https://leetcode.com/problems/subsets/	Best Tutorial link - click to view	Article link-click to view	
	Unique subset(Solving above, you will be able to solve this easily)	https://leetcode.com/problems/subsets-ii/	Best Tutorial link - click to view	Article link-click to view	
	N-Queen(Super imp)	https://leetcode.com/problems/n-queens/	Best Tutorial link - click to view	Article link-click to view	
	N Queen II	https://leetcode.com/problems/n-queens-ii/	Best Tutorial link - click to view	Article link-click to view	
	Permutation with spaces	https://leetcode.com/problems/permutation-with-spaces/	Best Tutorial link - click to view	Article link-click to view	
	Generate parentheses	https://leetcode.com/problems/generate-parentheses/	Best Tutorial link - click to view	Article link-click to view	
	Generate IP address	https://leetcode.com/problems/generate-ip-addresses/	Best Tutorial link - click to view	Article link-click to view	
	Solve the sudoku	https://leetcode.com/problems/sudoku-solver/	Best Tutorial link - click to view	Article link-click to view	
	kth permutation	https://leetcode.com/problems/kth-permutation/	Best Tutorial link - click to view	Article link-click to view	
	Word search	https://leetcode.com/problems/word-search/	Best Tutorial link - click to view	Article link-click to view	
Graphs & Data structure	Palindromic partition of string	https://leetcode.com/problems/palindromic-partition/	Best Tutorial link - click to view	Article link-click to view	
	Decode the string	https://leetcode.com/problems/decode-string/	Best Tutorial link - click to view	Article link-click to view	
	Letter case permutation	https://leetcode.com/problems/letter-case-permutation/	Best Tutorial link - click to view	Article link-click to view	
	sum string	https://leetcode.com/problems/sum-string/	Best Tutorial link - click to view	Article link-click to view	
	word boggle	https://leetcode.com/problems/word-boggle/	Best Tutorial link - click to view	Article link-click to view	
	Largest number in k swaps	https://leetcode.com/problems/largest-number-in-k-swaps/	Best Tutorial link - click to view	Article link-click to view	
	Partition array to k subsets	https://leetcode.com/problems/partition-array-into-k-subsets/	Best Tutorial link - click to view	Article link-click to view	
	Most of the probs in this topics can be solved once you learn first couple of probs in each pattern of the flow	https://leetcode.com/problems/discuss-general-discussion/655049/variety-of-techniques-problems-patterns-approach-solution/			
Traversals & Basic	Understand how graph is represented?		Best Tutorial link - click to view		
	BFS Traversal(Super imp and basic)	https://leetcode.com/problems/bfs-traversal-of-graph/	Best Tutorial link - click to view	Article link-click to view	
	DFS Traversal(Super imp and basic)	https://leetcode.com/problems/dfs-traversal-of-graph/	Best Tutorial link - click to view	Article link-click to view	
	Detect cycle in Directed graph	https://leetcode.com/problems/cycle-in-directed-graph/	Best Tutorial link - click to view	Article link-click to view	
	Detect cycle in Undirected graph	https://leetcode.com/problems/cycle-in-undirected-graph/	Best Tutorial link - click to view	Article link-click to view	
	Detect Negative cycle in graph	https://leetcode.com/problems/negative-weight-cycle-in-graph/	Best Tutorial link - click to view	Article link-click to view	
Connected component(After traversal, this will be easy to solve)	Connected component(Once you master this ,all the below using this pattern will become super easy)	https://leetcode.com/problems/strongly-connected-components/	Best Tutorial link - click to view	Article link-click to view	
	Number of Provinces(Learn how to solve this prob and solve the below in this pattern)	https://leetcode.com/problems/number-of-provinces/	Best Tutorial link - click to view	Article link-click to view	
	Number of Islands	https://leetcode.com/problems/number-of-islands/	Best Tutorial link - click to view	Article link-click to view	
	Number of distinct island	https://leetcode.com/problems/distinct-sub-islands/	Best Tutorial link - click to view	Article link-click to view	
	Number of closed island	https://leetcode.com/problems/closed-islands/	Best Tutorial link - click to view	Article link-click to view	
Bipartite	Bipartite graph	https://leetcode.com/problems/bipartite-graph/	Best Tutorial link - click to view	Article link-click to view	
	M-colouring	https://leetcode.com/problems/m-coloring/	Best Tutorial link - click to view	Article link-click to view	
	Find shortest path in UG(Once you learn this, try to solve other probs in this pattern by yourself)	https://leetcode.com/problems/shortest-path-in-an-unweighted-graph/	Best Tutorial link - click to view	Article link-click to view	
	Find shortest path in DAG	https://leetcode.com/problems/shortest-path-in-a-weighted-graph/	Best Tutorial link - click to view	Article link-click to view	
Shortest Path	Dijkstra Algo	https://leetcode.com/problems/dijkstra-algorithm/	Best Tutorial link - click to view	Article link-click to view	
	Step by Knight	https://leetcode.com/problems/knight-dialer/	Best Tutorial link - click to view	Article link-click to view	
	Shortest path source to destiny	https://leetcode.com/problems/shortest-path-from-source-to-destination/	Best Tutorial link - click to view	Article link-click to view	
	Find if path exists	https://leetcode.com/problems/path-exists/	Best Tutorial link - click to view	Article link-click to view	
	Covid spread	https://leetcode.com/problems/covid-spread/	Best Tutorial link - click to view	Article link-click to view	
	Minimum cost path	https://leetcode.com/problems/minimum-cost-path/	Best Tutorial link - click to view	Article link-click to view	
	Word ladder I	https://leetcode.com/problems/word-ladder/	Best Tutorial link - click to view	Article link-click to view	
	Word ladder II	https://leetcode.com/problems/word-ladder-ii/	Best Tutorial link - click to view	Article link-click to view	
	Floyd warshall algo	https://leetcode.com/problems/floyd-warshall-algorithm/	Best Tutorial link - click to view	Article link-click to view	
	Bellman ford algo(imp - Will be used for negative cycle)	https://leetcode.com/problems/bellman-ford-algorithm/	Best Tutorial link - click to view	Article link-click to view	
Multi Source	Flood fill	https://leetcode.com/problems/flood-fill/	Best Tutorial link - click to view	Article link-click to view	
	Replace 0's with X's(Below can be solved easily in this pattern once you learnt flood fill)	https://leetcode.com/problems/replace-0s-with-x/	Best Tutorial link - click to view	Article link-click to view	
	Unit area of largest region of 1s	https://leetcode.com/problems/largest-1-area-in-binary-matrix/	Best Tutorial link - click to view	Article link-click to view	
Topological sort	Rotten Oranges	https://leetcode.com/problems/rotten-oranges/	Best Tutorial link - click to view	Article link-click to view	

	Topological sort algo(Learning this algo, will make you solve all the probs in this pattern)	https://www.geeksforgeeks.org/problems/topological-sort/1?page=1&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Prerequisite tasks	https://www.geeksforgeeks.org/problems/prerequisite-tasks/1?page=2&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Course schedule I	https://www.geeksforgeeks.org/problems/course-schedule/1?page=1&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Course schedule II	https://leetcode.com/problems/course-schedule-ii	Best Tutorial link - click to view	Article link-click to view		
	Eventual safe states	https://www.geeksforgeeks.org/problems/eventual-safe-states/1?page=1&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Alien dictionary	https://www.geeksforgeeks.org/problems/alien-dictionary/1?page=1&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Minimum Spanning Tree	Minimum spanning tree(Once you learn this, then you will be able to solve the probs in this pattern by yourself)	https://www.geeksforgeeks.org/problems/minimum-spanning-tree/1?page=1&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Kruskals algo	https://www.geeksforgeeks.org/problems/kruskals-algo/1?page=1&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum cost to connect cities	https://leetcode.com/problems/connecting-cities-with-minimum-cost	Best Tutorial link - click to view	Article link-click to view		
	Minimum cost to connect all points	https://leetcode.com/problems/min-cost-to-connect-all-points	Best Tutorial link - click to view	Article link-click to view		
	Optimize water distribution	https://leetcode.com/problems/optimize-water-distribution-in-a-village	Best Tutorial link - click to view	Article link-click to view		
Disjoint set	Learn the disjoint set Algo		Best Tutorial link - click to view	Article link-click to view		
	Union by rank, path compression(Super imp, dont skip)		Best Tutorial link - click to view	Article link-click to view		
	Networks connected	https://leetcode.com/problems/number-of-operations-to-make-network-connected	Best Tutorial link - click to view	Article link-click to view		
	Minimum swaps to sort	https://www.geeksforgeeks.org/problems/minimum-swaps/1?page=1&category=Arrays&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Santa Banta	https://www.geeksforgeeks.org/problems/santa-banta2814/1?page=2&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Number of pairs	https://www.geeksforgeeks.org/problems/number-of-pairs-164538896/1?page=1&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Number of Island II	https://leetcode.com/problems/number-of-islands-ii	Best Tutorial link - click to view	Article link-click to view		
	Making a large island	https://leetcode.com/problems/making-a-large-island	Best Tutorial link - click to view	Article link-click to view		
Must solve imp algos	Bridges in graph	https://www.geeksforgeeks.org/problems/bridge-edge-in-graph/1?page=2&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Articulation point	https://www.geeksforgeeks.org/problems/articulation-point-1/1?page=1&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Critical connection	https://www.geeksforgeeks.org/problems/critical-connections/1?page=2&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Kosaraju algo (Strongly connected component algo)	https://www.geeksforgeeks.org/problems/strongly-connected-components-kosaraju-algo/1?page=2&category=Graph&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Word boggle	https://www.geeksforgeeks.org/problems/word-boggle143/1?page=1&category=Arrays&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Word boggle II	https://www.geeksforgeeks.org/problems/word-boggle-ii-141831/1?page=1&category=Arrays&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
Greedy - Technique						
Basics and must solves						
	Minimum number of jumps	https://www.geeksforgeeks.org/problems/minimum-number-of-jumps-1587115620/1?page=1&category=Arrays&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum operations	https://www.geeksforgeeks.org/problems/minimum-operations504/1?page=1&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimize the sum of product	https://www.geeksforgeeks.org/problems/minimize-the-sum-of-product1505/1?page=1&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Largest number possible	https://www.geeksforgeeks.org/problems/largest-number-possible5028/1?page=1&category=Arrays&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Lemonade change	https://www.geeksforgeeks.org/problems/lemonade-change/1?page=2&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Activity selection probt(Super imp)	https://www.geeksforgeeks.org/problems/activity-selection-1587115620/1?page=1&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	N meetings in a room(Super imp)	https://www.geeksforgeeks.org/problems/n-meetings-in-one-room-1587115620/1?page=1&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum platforms	https://www.geeksforgeeks.org/problems/minimum-platforms-1587115620/1?page=1&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimize the height	https://www.geeksforgeeks.org/problems/minimize-the-heights-1/1?page=2&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum number of coins using greedy(This can be solved using naive, DP also but make sure to use greedy here)	https://www.geeksforgeeks.org/problems/minimum-number-of-coins4426/1?page=1&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Job sequencing prob	https://www.geeksforgeeks.org/problems/job-sequencing-problem-1587115620/1?page=1&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Fractional knapsack	https://www.geeksforgeeks.org/problems/fractional-knapsack-1587115620/1?page=1&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Jump game	https://www.geeksforgeeks.org/problems/jump-game/1?page=2&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Insert interval	https://leetcode.com/problems/insert-interval	Best Tutorial link - click to view	Article link-click to view		
	Merge interval	https://leetcode.com/problems/merge-intervals	Best Tutorial link - click to view	Article link-click to view		
	Non overlapping interval	https://leetcode.com/problems/non-overlapping-intervals	Best Tutorial link - click to view	Article link-click to view		
	Minimum cost of ropes	https://practice.geeksforgeeks.org/problems/minimum-cost-of-ropes-1587115620/1	Best Tutorial link - click to view	Article link-click to view		
	Partition labels	https://leetcode.com/problems/partition-labels	Best Tutorial link - click to view	Article link-click to view		
	Cinema seat allocation	https://leetcode.com/problems/cinema-seat-allocation	Best Tutorial link - click to view	Article link-click to view		
	Max length chain	https://www.geeksforgeeks.org/problems/length-chain/1?page=1&category=Greedy&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Valid parentheses - Minimum	https://leetcode.com/problems/minimum-add-to-make-parentheses-valid	Best Tutorial link - click to view	Article link-click to view		
	Shortest job first	https://practice.geeksforgeeks.org/problems/shortest-job-first/1	Best Tutorial link - click to view	Article link-click to view		
	Least recently used	https://leetcode.com/problems/least-recently-used/1029086/for-leapyears-problems-patterns-sample-solutions	Best Tutorial link - click to view	Article link-click to view		
Dynamic Programming - Technique						
Basic						
1D - Linear DP	Understand the basics!!		Best Tutorial link - click to view	Article link-click to view		
	Count num of hops	https://www.geeksforgeeks.org/problems/count-number-of-hops-1587115620/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Count way to reach nth stair(Order matters)	https://www.geeksforgeeks.org/problems/count-ways-to-reach-the-nth-stair-1587115620/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Count way to reach nth stair(Order doesn't matter)	https://www.geeksforgeeks.org/problems/count-ways-to-reach-the-nth-stair-order-does-not-matter5636/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	House robber	https://leetcode.com/problems/house-robber	Best Tutorial link - click to view	Article link-click to view		
2D Grid DP	House robber II	https://leetcode.com/problems/house-robber-ii	Best Tutorial link - click to view	Article link-click to view		
	Count paths - grid	https://www.geeksforgeeks.org/problems/count-the-paths4332/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Unique paths II	https://leetcode.com/problems/unique-paths-ii	Best Tutorial link - click to view	Article link-click to view		
	Count all possible paths with condition(You can solve this by yourself once above two are solved)	https://www.geeksforgeeks.org/problems/count-all-possible-paths-from-top-left-to-bottom-right5011/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum path sum in grid	https://leetcode.com/problems/minimum-path-sum/	Best Tutorial link - click to view	Article link-click to view		
	Max path sum	https://www.geeksforgeeks.org/problems/path-sum/3805/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum path sum in triangular grid	https://leetcode.com/problems/triangle	Best Tutorial link - click to view	Article link-click to view		
	Number of paths with k coins	https://www.geeksforgeeks.org/problems/number-of-paths-in-a-matrix-with-k-coins728/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum/Maximum falling path sum	https://leetcode.com/problems/minimum-falling-path-sum	Best Tutorial link - click to view	Article link-click to view		
	Minimum falling path sum II	https://leetcode.com/problems/minimum-falling-path-sum-ii	Best Tutorial link - click to view	Article link-click to view		
DP on subsequence	Subset sum problem	https://www.geeksforgeeks.org/problems/subset-sum-problem-161155630/1?page=1&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link - click to view		
	Count subset with given sum k	https://www.geeksforgeeks.org/problems/perfect-sum-problem5633/1?page=1&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link - click to view		
	Partition equal subset sum(Try to do it on own after solving above two, just a small trick)	https://www.geeksforgeeks.org/problems/subset-sum-problem2014/1?page=1&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Minimum sum partition	https://www.geeksforgeeks.org/problems/minimum-sum-partition5317/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Count partition with given diff	https://www.geeksforgeeks.org/problems/0-1-knapsack-problem0945/1?page=1&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	0-1 Knapsack	https://www.geeksforgeeks.org/problems/0-1-knapsack-problem0945/1?page=1&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Maximum non adjacent subsequence	https://www.geeksforgeeks.org/problems/max-sum-without-adjacent2430/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Coin change	https://www.geeksforgeeks.org/problems/coin-change2448/1?page=1&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Min number of coins	https://www.geeksforgeeks.org/problems/number-of-coins1824/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Roll cutting	https://www.geeksforgeeks.org/problems/minimum-cost-to-cut-a-stick/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Target sum	https://leetcode.com/problems/target-sum	Best Tutorial link - click to view	Article link-click to view		
	Minimum cost to fill given weight in bag(Solving the above probs in this pattern will make this super easy)	https://www.geeksforgeeks.org/problems/minimum-cost-to-fill-given-weight-in-bag1596/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Knapsack with duplication items	https://www.geeksforgeeks.org/problems/knapsack-with-duplicate-items5401/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
DP on Increasing subsequence	Longest increasing subsequence	https://leetcode.com/problems/longest-increasing-subsequence/	Best Tutorial link - click to view	Article link-click to view		
	Print longest increasing subsequence	https://leetcode.com/problems/longest-increasing-subsequence/	Best Tutorial link - click to view	Article link-click to view		
	Longest bitonic subsequence(Solve on own, definitely you can do it once the above two are solved)	https://www.geeksforgeeks.org/problems/longest-bitonic-subsequence084/1?page=2&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		
	Longest divisible subset(This and the below are just extended version of longest increasing subsequence, so try on own)	https://leetcode.com/problems/longest-divisible-subset/	Best Tutorial link - click to view	Article link-click to view		
	Longest string chain	https://leetcode.com/problems/longest-string-chain/	Best Tutorial link - click to view	Article link-click to view		
	Num of longest increasing subsequence	https://leetcode.com/problems/number-of-longest-increasing-subsequence/	Best Tutorial link - click to view	Article link-click to view		
	Longest common subsequence(Once you learn this pattern, all probs under this pattern can be solved by yourself)	https://www.geeksforgeeks.org/problems/longest-common-subsequence-1587115620/1?page=1&category=Dynamic%20Programming&sortBy=submissions	Best Tutorial link - click to view	Article link-click to view		

LeetCode Article for behavioural rounds	https://leetcode.com/discuss/interview-experience/1532708/tips-for-answering-few-tricky-behavioural-interview-questions
LeetCode Article for major patterns	https://leetcode.com/discuss/general-discussion/665604/important-and-useful-links-from-all-over-the-LeetCode
Resume standard template	https://www.overleaf.com/Articles/ravi-kukretis-resume/xprkxkbcbg
Try to solve atleast 5+ problems per day to master it at the earliest	