

## Curious freaks CODING SHEET by Nandhini

Checkout this video to understand efficient way to use this sheet - <https://youtu.be/ALpSP2FokJQ>

Youtube Channel - <https://www.youtube.com/@curiousfreaks>

Lets use #CFCodingSheet tag to share with friends on social media - [https://www.instagram.com/its\\_me\\_nandiy](https://www.instagram.com/its_me_nandiy)

Connect with me on LinkedIn - <https://www.linkedin.com/in/nandhini-raja-5b71b4143/>

Only sheet you need to get placed in super high paying companies including google, amazon, salesforce, microsoft, adobe, etc

Solving time - Easy Problems - 5 to 10mins

Solving time - Medium Problems - 15 to 30mins

Solving time - Hard problems - At max 45mins - 50mins

Imp Note: You can use tutorials to learn the pattern in each topics. For problems in similar pattern, once you learn first prob, so try to solve others in that pattern by yourself

TOPIC	Problem	Problem link	Solution Tutorial	Solution Article	Solved	Notes
<b>Basics</b>						
<b>Beginners basic math probs</b>						
	Find even or odd	<a href="https://practice.geeksforgeeks.org/problems/odd-or-even3018/1">https://practice.geeksforgeeks.org/problems/odd-or-even3018/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find last digit in a number	<a href="https://www.geeksforgeeks.org/problems/find-last-digit-of-ab-for-large-numbers1536/1">https://www.geeksforgeeks.org/problems/find-last-digit-of-ab-for-large-numbers1536/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Count digits in a number(Solving above last digit prob will make this easy for you)	<a href="https://practice.geeksforgeeks.org/problems/count-digits5719/1">https://practice.geeksforgeeks.org/problems/count-digits5719/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Reverse a number(Try thinking how you can use above logic in solving this)	<a href="https://www.geeksforgeeks.org/problems/reverse-digits18/1">https://www.geeksforgeeks.org/problems/reverse-digits18/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find power of a number	<a href="https://www.geeksforgeeks.org/problems/power-of-numbers1587115620/1">https://www.geeksforgeeks.org/problems/power-of-numbers1587115620/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	GCD	<a href="https://practice.geeksforgeeks.org/problems/gcd-of-two-numbers3459/1">https://practice.geeksforgeeks.org/problems/gcd-of-two-numbers3459/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Print all divisors of a number	<a href="https://www.codingninja.com/studio/problems/print-all-divisors-of-a-number-1184138">https://www.codingninja.com/studio/problems/print-all-divisors-of-a-number-1184138</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Prime numbers(Try solving by yourself)	<a href="https://practice.geeksforgeeks.org/problems/prime-number2314/1">https://practice.geeksforgeeks.org/problems/prime-number2314/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Armstrong numbers(Solving power of number, will make this easy for you)	<a href="https://www.geeksforgeeks.org/problems/armstrong-numbers2727/1">https://www.geeksforgeeks.org/problems/armstrong-numbers2727/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Check palindrome of number(Use the techniques you learnt so far solving above probs and solve this by yourself)	<a href="https://practice.geeksforgeeks.org/problems/palindrome0746/1">https://practice.geeksforgeeks.org/problems/palindrome0746/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Square root of a number(Try to first figure out algo to solve this)	<a href="https://www.geeksforgeeks.org/problems/square-root/1">https://www.geeksforgeeks.org/problems/square-root/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Perfect number	<a href="https://practice.geeksforgeeks.org/problems/perfect-numbers3207/1">https://practice.geeksforgeeks.org/problems/perfect-numbers3207/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
<b>Array - Data structure</b>						
<b>Basics with traversal</b>						
	What is an array? How is it represented?		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find the maximum and minimum element in array(After solving the search , you can solve all probs in this basics by yourself)	<a href="https://www.geeksforgeeks.org/problems/find-minimum-and-maximum-element-in-an-array4528/1">https://www.geeksforgeeks.org/problems/find-minimum-and-maximum-element-in-an-array4528/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find third largest element in array	<a href="https://practice.geeksforgeeks.org/problems/third-largest-element/1">https://practice.geeksforgeeks.org/problems/third-largest-element/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Search an element in array(Understand how to traverse through the array and how to access the elements)	<a href="https://www.geeksforgeeks.org/problems/search-an-element-in-an-array-1587115621/1">https://www.geeksforgeeks.org/problems/search-an-element-in-an-array-1587115621/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find missing number in array	<a href="https://practice.geeksforgeeks.org/problems/missing-number-in-array1418/1">https://practice.geeksforgeeks.org/problems/missing-number-in-array1418/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find repeating number in array		<a href="#">Best Tutorial link - click to view</a>			
	Sort an array of Os , 1s and 2s (You dont need to know any sorting algo, just using basics, once solved, definitely learn the optimal algo)	<a href="https://www.geeksforgeeks.org/problems/sort-an-array-of-0s-1s-and-2s4231/17">https://www.geeksforgeeks.org/problems/sort-an-array-of-0s-1s-and-2s4231/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Check if two arrays are equal or not	<a href="https://www.geeksforgeeks.org/problems/check-if-two-arrays-are-equal-or-not9421/2">https://www.geeksforgeeks.org/problems/check-if-two-arrays-are-equal-or-not9421/2</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Rotate the array by 1	<a href="https://www.geeksforgeeks.org/problems/rotate-array-by-one0614/12">https://www.geeksforgeeks.org/problems/rotate-array-by-one0614/12</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Rotate the array by k	<a href="https://www.codingninja.com/studio/problems/rotate-array-1210543">https://www.codingninja.com/studio/problems/rotate-array-1210543</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Array subset of another array	<a href="https://www.geeksforgeeks.org/problems/array-subset-of-another-array2317/1">https://www.geeksforgeeks.org/problems/array-subset-of-another-array2317/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Learn what is map and how its represented before moving forward		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Count frequency of elements in array(Solve efficiently, try applying what you learnt about map)	<a href="https://practice.geeksforgeeks.org/problems/frequency-of-array-elements-1587115623/1">https://practice.geeksforgeeks.org/problems/frequency-of-array-elements-1587115623/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
<b>Two pointer(This is very imp pattern, not just for these probs but very commonly you can use this technique)</b>						
	Just like search, sort, this is also imp technique to learn					
	Find pair with given sum	<a href="https://www.geeksforgeeks.org/problems/key-pair5618/17">https://www.geeksforgeeks.org/problems/key-pair5618/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	3 Sum	<a href="https://www.geeksforgeeks.org/problems/triplet-sum-in-array-1587115621/2">https://www.geeksforgeeks.org/problems/triplet-sum-in-array-1587115621/2</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	4 Sum	<a href="https://www.geeksforgeeks.org/problems/4sum/">https://www.geeksforgeeks.org/problems/4sum/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find triplets with zero sum	<a href="https://www.geeksforgeeks.org/problems/find-triplets-with-zero-sum/1">https://www.geeksforgeeks.org/problems/find-triplets-with-zero-sum/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find count of triplets	<a href="#">Count the triplets   Practice   GeeksforGeeks</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Union of two arrays(Learn the brute force & optimal soln, you will learn about set datastructure, which will be super useful in many probs in brute force)	<a href="https://www.geeksforgeeks.org/problems/union-of-two-arrays3538/1">https://www.geeksforgeeks.org/problems/union-of-two-arrays3538/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Intersection of two arrays	<a href="https://www.geeksforgeeks.org/problems/intersection-of-two-arrays4240/17">https://www.geeksforgeeks.org/problems/intersection-of-two-arrays4240/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Remove duplicates from array(Quite diff from above, try to solve on own, this actually shows that not always you will have pointers at start and end)	<a href="https://www.geeksforgeeks.org/problems/remove-duplicate-elements-from-sorted-array/17">https://www.geeksforgeeks.org/problems/remove-duplicate-elements-from-sorted-array/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	kth element of 2 sorted arrays	<a href="https://www.geeksforgeeks.org/problems/k-th-element-of-two-sorted-arrays1317/12">https://www.geeksforgeeks.org/problems/k-th-element-of-two-sorted-arrays1317/12</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Length of longest subarray with sum k	<a href="https://www.geeksforgeeks.org/problems/longest-sub-array-with-sum-k1036/12">https://www.geeksforgeeks.org/problems/longest-sub-array-with-sum-k1036/12</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Trapping rain water	<a href="https://www.geeksforgeeks.org/problems/trapping-rain-water-1587115621/2">https://www.geeksforgeeks.org/problems/trapping-rain-water-1587115621/2</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
<b>Must Solve</b>						
	Majority element	<a href="https://leetcode.com/problems/majority-element/">https://leetcode.com/problems/majority-element/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Kadane's algo(super imp)	<a href="https://practice.geeksforgeeks.org/problems/kadanes-algorithm-1587115620/1">https://practice.geeksforgeeks.org/problems/kadanes-algorithm-1587115620/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Count inversions	<a href="https://practice.geeksforgeeks.org/problems/inversion-of-array-1587115620/1">https://practice.geeksforgeeks.org/problems/inversion-of-array-1587115620/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Merge intervals	<a href="https://leetcode.com/problems/merge-intervals/">https://leetcode.com/problems/merge-intervals/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Maximum product subarray	<a href="https://practice.geeksforgeeks.org/problems/maximum-product-subarray3604/1">https://practice.geeksforgeeks.org/problems/maximum-product-subarray3604/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Next permutation	<a href="https://leetcode.com/problems/next-permutation/">https://leetcode.com/problems/next-permutation/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Sieve of eratosthenes(Popular algo for prime numbers)	<a href="https://www.geeksforgeeks.org/problems/sieve-of-eratosthenes5249/1">https://www.geeksforgeeks.org/problems/sieve-of-eratosthenes5249/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
<b>Time and space complexity</b>						
<b>Matrix - Data structure</b>						
<b>Traversal &amp; Basic &amp; Must solve</b>						
	What is a 2D Array? How to access element?		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Search in a matrix	<a href="https://leetcode.com/problems/search-a-2d-matrix/">https://leetcode.com/problems/search-a-2d-matrix/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Rotate by 90 degree	<a href="https://www.geeksforgeeks.org/problems/rotate-by-90-degree-1587115621/1">https://www.geeksforgeeks.org/problems/rotate-by-90-degree-1587115621/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Maximum num of 1's row	<a href="https://www.geeksforgeeks.org/problems/maximum-number-of-1s-in-a-row145301/2">https://www.geeksforgeeks.org/problems/maximum-number-of-1s-in-a-row145301/2</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Left rotate matrix k times	<a href="https://practice.geeksforgeeks.org/problems/left-rotate-matrix-k-times2351/1">https://practice.geeksforgeeks.org/problems/left-rotate-matrix-k-times2351/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Print matrix in diagonal pattern	<a href="https://www.geeksforgeeks.org/problems/print-matrix-in-diagonal-pattern/17">https://www.geeksforgeeks.org/problems/print-matrix-in-diagonal-pattern/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Set matrix zeros	<a href="https://leetcode.com/problems/set-matrix-zeroes/">https://leetcode.com/problems/set-matrix-zeroes/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
<b>Recursion - Technique</b>						
<b>Basics</b>						
	Recursion is super important concept! Lets first understand the basics of recursion in this section before moving forward					
	Understand what recursion is and how it works(Draw the recursive tree for every recursive prob you solve)		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Print 1 to N using recursion	<a href="https://www.geeksforgeeks.org/problems/print-1-to-n-without-using-loops-1587115620/1">https://www.geeksforgeeks.org/problems/print-1-to-n-without-using-loops-1587115620/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Factorial of N numbers	<a href="https://practice.geeksforgeeks.org/problems/factorial5739/1">https://practice.geeksforgeeks.org/problems/factorial5739/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Fibonacci series using recursion	<a href="https://www.geeksforgeeks.org/problems/nth-fibonacci-number1335/17">https://www.geeksforgeeks.org/problems/nth-fibonacci-number1335/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Power(x,n) Draw the recursion tree for all the probs for sure	<a href="https://www.geeksforgeeks.org/problems/power-of-numbers1587115620/17">https://www.geeksforgeeks.org/problems/power-of-numbers1587115620/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Print pattern	<a href="https://www.geeksforgeeks.org/problems/print-pattern3549/17">https://www.geeksforgeeks.org/problems/print-pattern3549/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Recursive implementation of atoi	<a href="https://practice.geeksforgeeks.org/problems/implement-atoi17">https://practice.geeksforgeeks.org/problems/implement-atoi17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Pascal triangle	<a href="https://www.geeksforgeeks.org/problems/pascal-triangle0652/17">https://www.geeksforgeeks.org/problems/pascal-triangle0652/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
<b>Binary Search - Algo</b>						
<b>Basic pattern</b>						
	Search in a sorted array(Efficiently -> So learn binary search for this)	<a href="https://www.geeksforgeeks.org/problems/who-will-win-1587115621/17">https://www.geeksforgeeks.org/problems/who-will-win-1587115621/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find floor and ceil in sorted array	<a href="https://www.geeksforgeeks.org/problems/floor-in-a-sorted-array-1587115620/1">https://www.geeksforgeeks.org/problems/floor-in-a-sorted-array-1587115620/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find first and last occurrence of element in sorted array	<a href="https://www.geeksforgeeks.org/problems/first-and-last-occurrences-of-x116174page=1&amp;category=Binary%20Search&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/first-and-last-occurrences-of-x116174page=1&amp;category=Binary%20Search&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find missing num from 1 to N	<a href="https://leetcode.com/problems/missing-number/">https://leetcode.com/problems/missing-number/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Find square root	<a href="https://www.geeksforgeeks.org/problems/square-root/17">https://www.geeksforgeeks.org/problems/square-root/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Search for element in infinite array	<a href="https://www.codingninja.com/studio/problems/search-in-infinite-sorted-0-1-array-406184">https://www.codingninja.com/studio/problems/search-in-infinite-sorted-0-1-array-406184</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
<b>Sorted rotated array</b>						
	Search element in sorted rotated array(With and without duplicate)	<a href="https://leetcode.com/problems/search-in-a-sorted-rotated-array-3/">https://leetcode.com/problems/search-in-a-sorted-rotated-array-3/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Minimum element in sorted rotated array(With and without duplicate)A twist in normal BS is needed, once you learnt this, solve the below by yourself even try to solve this also by yourself	<a href="https://www.geeksforgeeks.org/problems/minimum-number-in-a-sorted-rotated-array-158711562017page=1&amp;category=Binary%20Search&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-number-in-a-sorted-rotated-array-158711562017page=1&amp;category=Binary%20Search&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Number of times array is sorted	<a href="https://www.geeksforgeeks.org/problems/rotation4720/17">https://www.geeksforgeeks.org/problems/rotation4720/17</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		
	Maximum element in sorted rotated array	<a href="https://www.geeksforgeeks.org/problems/maximum-element-in-a-sorted-rotated-array145301/2">https://www.geeksforgeeks.org/problems/maximum-element-in-a-sorted-rotated-array145301/2</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link click to view</a>		

Biotonic array						
	Find the peak element	<a href="https://www.geeksforgeeks.org/problems/peak-element17/">https://www.geeksforgeeks.org/problems/peak-element17/</a>				
	Search element in biotonic array	<a href="https://www.geeksforgeeks.org/problems/search-in-biotonic-array/">https://www.geeksforgeeks.org/problems/search-in-biotonic-array/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Matrix						
	Find row with maximum number of 1's	<a href="https://www.geeksforgeeks.org/problems/binary-matrix-having-maximum-number-of-1s-170447172page=2&amp;category=Binary%20Search&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/binary-matrix-having-maximum-number-of-1s-170447172page=2&amp;category=Binary%20Search&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Search in row wise column wise sorted matrix	<a href="https://www.geeksforgeeks.org/problems/search-in-a-matrix-158711562117/">https://www.geeksforgeeks.org/problems/search-in-a-matrix-158711562117/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Application(Super imp)	Search in sorted matrix II	<a href="https://leetcode.com/problems/search-a-2d-matrix-ii/">https://leetcode.com/problems/search-a-2d-matrix-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Find peak in sorted matrix	<a href="https://leetcode.com/problems/find-a-peak-element-ii/">https://leetcode.com/problems/find-a-peak-element-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Aggressive cows	<a href="https://www.geeksforgeeks.org/problems/aggressive-cows17/">https://www.geeksforgeeks.org/problems/aggressive-cows17/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Allocate minimum pages	<a href="https://www.geeksforgeeks.org/problems/allocate-minimum-number-of-pages59717/">https://www.geeksforgeeks.org/problems/allocate-minimum-number-of-pages59717/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Painter partition	<a href="https://www.geeksforgeeks.org/problems/the-painter-partition-problem-1535172page=1&amp;category=Binary%20Search&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/the-painter-partition-problem-1535172page=1&amp;category=Binary%20Search&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Split array largest sum	<a href="https://www.geeksforgeeks.org/problems/split-array-largest-sum-141634172page=2&amp;category=Binary%20Search&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/split-array-largest-sum-141634172page=2&amp;category=Binary%20Search&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum num. of days to make m bouquets	<a href="https://leetcode.com/problems/minimum-number-of-days-to-make-m-bouquets/">https://leetcode.com/problems/minimum-number-of-days-to-make-m-bouquets/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Capacity to ship packages within D days	<a href="https://www.geeksforgeeks.org/problems/capacity-to-ship-packages-within-d-days172page=2&amp;category=Binary%20Search&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/capacity-to-ship-packages-within-d-days172page=2&amp;category=Binary%20Search&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Koko eating bananas	<a href="https://leetcode.com/problems/koko-eating-bananas/">https://leetcode.com/problems/koko-eating-bananas/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Kth smallest number in matrix multiplication table	<a href="https://leetcode.com/problems/kth-smallest-number-in-multiplication-table/">https://leetcode.com/problems/kth-smallest-number-in-multiplication-table/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Kth smallest pair distance	<a href="https://leetcode.com/problems/find-k-th-smallest-pair-distance/">https://leetcode.com/problems/find-k-th-smallest-pair-distance/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Ugly number II	<a href="https://leetcode.com/problems/ugly-number-ii/">https://leetcode.com/problems/ugly-number-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Median of 2 sorted arrays	<a href="#">Median of 2 Sorted Arrays of Different Sizes   Practice   GeeksforGeeks</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Sorting - Algo	Find smallest divisor given threshold	<a href="#">Find the Smallest Divisor Given a Threshold - LeetCode</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Make sure to completely understand the algo thoroughly, and time & space complexity					
Basics	Bubble sort(very basic sorting technique)	<a href="https://www.geeksforgeeks.org/problems/bubble-sort17/">https://www.geeksforgeeks.org/problems/bubble-sort17/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Selection sort	<a href="https://www.geeksforgeeks.org/problems/selection-sort17/">https://www.geeksforgeeks.org/problems/selection-sort17/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Insertion sort	<a href="https://www.geeksforgeeks.org/problems/insertion-sort17/">https://www.geeksforgeeks.org/problems/insertion-sort17/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Merge sort	<a href="https://www.geeksforgeeks.org/problems/merge-sort17/">https://www.geeksforgeeks.org/problems/merge-sort17/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Quick sort	<a href="https://www.geeksforgeeks.org/problems/quick-sort17/">https://www.geeksforgeeks.org/problems/quick-sort17/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
LinkedList - Data structure						
Basic patterns	Completely understand how Node in LinkedList is represented and then go ahead with the patterns					
	Create, Insert, Delete Operations in LL		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Search for an element in LL(Once create, insert is done, this should be easy)	<a href="https://www.geeksforgeeks.org/problems/search-in-linked-list-1564434326/">https://www.geeksforgeeks.org/problems/search-in-linked-list-1564434326/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Reverse a LL(learn the O space approach, learn recursive & iterative soln)	<a href="https://www.geeksforgeeks.org/problems/reverse-a-linked-list17/">https://www.geeksforgeeks.org/problems/reverse-a-linked-list17/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Check if LL is a Palindrome(Once reversing is learnt, this should be easy)	<a href="https://www.geeksforgeeks.org/problems/check-if-linked-list-is-palindrome172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/check-if-linked-list-is-palindrome172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Middle element of LL (Learn efficient approach)	<a href="https://www.geeksforgeeks.org/problems/mid-point-in-a-linked-list172page=2&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/mid-point-in-a-linked-list172page=2&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Find the intersection point of Y LL(Once you know traversal, apply node logic to solve this)	<a href="https://www.geeksforgeeks.org/problems/intersection-point-in-y-shaped-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/intersection-point-in-y-shaped-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Union and Intersection of LL	<a href="https://www.geeksforgeeks.org/problems/union-of-two-linked-lists172page=2&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/union-of-two-linked-lists172page=2&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Delete without head pointer	<a href="https://www.geeksforgeeks.org/problems/delete-without-head-pointer172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/delete-without-head-pointer172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Count pairs with given sum	<a href="https://www.geeksforgeeks.org/problems/count-pairs-whose-sum-is-equal-to-x172page=2&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-pairs-whose-sum-is-equal-to-x172page=2&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Reverse LL in groups of given size(Once you learn reverse of LL's efficient approach, you can try this)	<a href="https://www.geeksforgeeks.org/problems/reverse-a-linked-list-in-groups-of-given-size-172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/reverse-a-linked-list-in-groups-of-given-size-172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
Loop	Detect loop in LL(Once this is learnt, all the loop pattern probs below should be easy)	<a href="https://www.geeksforgeeks.org/problems/detect-loop-in-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/detect-loop-in-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Find length of loop in LL	<a href="https://www.geeksforgeeks.org/problems/find-the-length-of-loop172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/find-the-length-of-loop172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Find the starting point of loop	<a href="https://www.geeksforgeeks.org/problems/find-the-starting-point-of-loop-in-linked-list-170452/">https://www.geeksforgeeks.org/problems/find-the-starting-point-of-loop-in-linked-list-170452/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
Sorting, Merging & Related	Remove the loop	<a href="https://www.geeksforgeeks.org/problems/remove-loop-in-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/remove-loop-in-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Sort 0s, 1s, 2s in LL	<a href="https://www.geeksforgeeks.org/problems/sort-a-linked-list-of-0s-1s-and-2s-sort-ii172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/sort-a-linked-list-of-0s-1s-and-2s-sort-ii172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Pairwise swap elements	<a href="https://www.geeksforgeeks.org/problems/pairwise-swap-elements-of-a-linked-list-by-swapping-data-172page=2&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/pairwise-swap-elements-of-a-linked-list-by-swapping-data-172page=2&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Merge 2 sorted LL(Merge two sorted is easy version of this ques, if you are finding it diff to come up with logic, first solve this)	<a href="https://www.geeksforgeeks.org/problems/merge-two-sorted-linked-lists172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/merge-two-sorted-linked-lists172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Merge sort in LL	<a href="https://www.geeksforgeeks.org/problems/sort-a-linked-list172page=2&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/sort-a-linked-list172page=2&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Quick sort in LL	<a href="https://www.geeksforgeeks.org/problems/quick-sort-on-linked-list172page=2&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/quick-sort-on-linked-list172page=2&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Remove occurrence of duplicates in sorted & unsorted LL	<a href="https://www.geeksforgeeks.org/problems/remove-duplicate-element-from-sorted-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/remove-duplicate-element-from-sorted-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Remove occurrence of duplicates in sorted & unsorted LL	<a href="https://www.geeksforgeeks.org/problems/remove-duplicate-element-from-unsorted-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/remove-duplicate-element-from-unsorted-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Segregate even and odd nodes in LL	<a href="https://www.geeksforgeeks.org/problems/segregate-even-and-odd-nodes-in-a-linked-list50391/">https://www.geeksforgeeks.org/problems/segregate-even-and-odd-nodes-in-a-linked-list50391/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Arithmetic(Reversal & traversal - Once you learn these, you can solve probs in this pattern)	Add 1 to a number represented as LL	<a href="https://practice.geeksforgeeks.org/problems/add-1-to-a-number-represented-as-linked-list1/">https://practice.geeksforgeeks.org/problems/add-1-to-a-number-represented-as-linked-list1/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Add 2 numbers represented as LL	<a href="https://practice.geeksforgeeks.org/problems/add-two-numbers-represented-by-linked-lists1/">https://practice.geeksforgeeks.org/problems/add-two-numbers-represented-by-linked-lists1/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Subtraction on LL(Comes under hard but should be solvable once the above ones are solved)	<a href="https://www.geeksforgeeks.org/problems/subtraction-in-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/subtraction-in-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
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)	Rotate LL	<a href="https://www.geeksforgeeks.org/problems/rotate-linked-list172page=2&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/rotate-linked-list172page=2&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Flattening a LL(make sure to learn the efficient approach)	<a href="https://www.geeksforgeeks.org/problems/flattening-a-linked-list-17045172page=4&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/flattening-a-linked-list-17045172page=4&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Delete nodes having greater value on right	<a href="https://practice.geeksforgeeks.org/problems/delete-nodes-having-greater-value-on-right1/">https://practice.geeksforgeeks.org/problems/delete-nodes-having-greater-value-on-right1/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Delete N nodes after M nodes	<a href="https://www.geeksforgeeks.org/problems/delete-n-nodes-after-m-nodes-of-a-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/delete-n-nodes-after-m-nodes-of-a-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Delete all occurrence of node	<a href="#">https://www.geeksforgeeks.org/problems/delete-n-nodes-after-m-nodes-of-a-linked-list172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Clone a LL	<a href="https://www.geeksforgeeks.org/problems/clone-a-linked-list-with-next-and-random-pointers172page=1&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/clone-a-linked-list-with-next-and-random-pointers172page=1&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Length of longest palindrome in LL	<a href="https://www.geeksforgeeks.org/problems/length-of-longest-palindrome-in-linked-list-172page=2&amp;category=linked%20list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/length-of-longest-palindrome-in-linked-list-172page=2&amp;category=linked%20list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Double Linked List	Learn the basic representation of the nodes in LL		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Insert, Delete, Reverse DLL	<a href="https://www.geeksforgeeks.org/problems/reverse-a-doubly-linked-list172page=1&amp;category=doubly-linked-list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/reverse-a-doubly-linked-list172page=1&amp;category=doubly-linked-list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Pairs with given sum in DLL	<a href="https://www.geeksforgeeks.org/problems/pairs-with-given-sum-in-doubly-linked-list-172page=1&amp;category=doubly-linked-list&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/pairs-with-given-sum-in-doubly-linked-list-172page=1&amp;category=doubly-linked-list&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Stack - Data structure						
Basic	What is stack? Learn how to represent the data structure and working of it	<a href="https://www.geeksforgeeks.org/problems/implement-stack-using-array172page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/implement-stack-using-array172page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Implement 2 stack using array	<a href="https://www.geeksforgeeks.org/problems/implement-two-stacks-in-an-array172page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/implement-two-stacks-in-an-array172page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Check for balanced paranthesis	<a href="https://www.geeksforgeeks.org/problems/parenthesis-checker2744172page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/parenthesis-checker2744172page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Next greater element	Get min from stack in O(1) space and time	<a href="https://www.geeksforgeeks.org/problems/get-minimum-element-from-stack172page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/get-minimum-element-from-stack172page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Next greater element	<a href="https://www.geeksforgeeks.org/problems/next-larger-element-1587115620172page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/next-larger-element-1587115620172page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Next greater element II	<a href="https://leetcode.com/problems/next-greater-element-ii/">https://leetcode.com/problems/next-greater-element-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Next smallest element(Once above pattern is covered, try to solve this on own)	Next smallest element on left	<a href="https://www.geeksforgeeks.org/problems/help-classmates-141631172/">https://www.geeksforgeeks.org/problems/help-classmates-141631172/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Next smallest element on right	<a href="https://www.youtube.com/watch?v=1122081">https://www.youtube.com/watch?v=1122081</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Stock span problem(implementation prob - Try to figure out the pattern from above next greater and smaller)	<a href="https://www.geeksforgeeks.org/problems/stock-span-problem-1587115621172page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/stock-span-problem-1587115621172page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Trapping rainwater	<a href="https://www.geeksforgeeks.org/problems/trapping-rain-water-1587115621172page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/trapping-rain-water-1587115621172page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Maximum rectangular area on histogram(Once next greater and next smallest pattern is covered, this can be solved easily)	<a href="https://www.geeksforgeeks.org/problems/maximum-rectangular-area-in-a-histogram-1587115620172page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/maximum-rectangular-area-in-a-histogram-1587115620172page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Max rectangle(Same as above, just a small twist)	<a href="https://www.geeksforgeeks.org/problems/max-rectangle172page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/max-rectangle172page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		

<b>Expressions</b>						
	Infix to postfix	<a href="https://www.geeksforgeeks.org/problems/infix-to-postfix-1587115620/1?page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/infix-to-postfix-1587115620/1?page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Evaluation of postfix expression	<a href="https://www.geeksforgeeks.org/problems/evaluation-of-postfix-expression-1735/?page=2&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/evaluation-of-postfix-expression-1735/?page=2&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Prefix to postfix	<a href="https://practice.geeksforgeeks.org/problems/infix-to-postfix-1587115620/1">https://practice.geeksforgeeks.org/problems/infix-to-postfix-1587115620/1</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Arithmetic expression evaluation	<a href="https://www.codegymnasium.com/study/problems/arithmetic-expression-evaluation-1170617">https://www.codegymnasium.com/study/problems/arithmetic-expression-evaluation-1170617</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Reversing stack</b>						
	Insert at bottom of stack	<a href="https://www.geeksforgeeks.org/problems/insert-an-element-at-the-bottom-of-a-stack/?page=4&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/insert-an-element-at-the-bottom-of-a-stack/?page=4&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Reverse a stack	<a href="https://www.geeksforgeeks.org/problems/reverse-a-stack/1?page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/reverse-a-stack/1?page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Sort stack(Solving above two can give you hint for this)	<a href="https://www.geeksforgeeks.org/problems/sort-a-stack/1?page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/sort-a-stack/1?page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Implementation probs</b>						
	Celebrity problem	<a href="https://www.geeksforgeeks.org/problems/the-celebrity-problem/1?page=1&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/the-celebrity-problem/1?page=1&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Restrictive candy crush	<a href="https://www.geeksforgeeks.org/problems/solve-candy-crush-1416311/?page=2&amp;category=Stack&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/solve-candy-crush-1416311/?page=2&amp;category=Stack&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count the reversals	<a href="https://www.geeksforgeeks.org/problems/count-the-reversals0401/1?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-the-reversals0401/1?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Queue - Data structure</b>						
<b>Basic pattern</b>						
	What is queue? Learn the basic representation and how is implemented?	<a href="https://www.geeksforgeeks.org/problems/implement-queue-using-array/1?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/implement-queue-using-array/1?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Implement queue using linkedlist	<a href="https://www.geeksforgeeks.org/problems/implement-queue-using-linked-list/?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/implement-queue-using-linked-list/?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Implement queue using stack(super imp)	<a href="https://www.geeksforgeeks.org/problems/implement-queue-using-two-stacks/1?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/implement-queue-using-two-stacks/1?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Implement stack using queue(super imp)	<a href="https://www.geeksforgeeks.org/problems/stack-using-two-queues/1?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/stack-using-two-queues/1?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Reverse a queue	<a href="https://www.geeksforgeeks.org/problems/queue-reversal/1?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/queue-reversal/1?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Implementation probs</b>						
	Circular queue	<a href="https://www.geeksforgeeks.org/problems/circular-queue-1587115620/1?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/circular-queue-1587115620/1?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	First non repeating char in stream	<a href="https://www.geeksforgeeks.org/problems/first-non-repeating-character-in-a-stream-1711/?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/first-non-repeating-character-in-a-stream-1711/?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Reverse first k elements in queue	<a href="https://www.geeksforgeeks.org/problems/reverse-first-k-elements-of-queue-1711/?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/reverse-first-k-elements-of-queue-1711/?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	LRU Cache(super imp)	<a href="https://www.geeksforgeeks.org/problems/lru-cache-17?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/lru-cache-17?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum cost of ropes	<a href="https://www.geeksforgeeks.org/problems/minimum-cost-of-ropes-1587115620/1?page=1&amp;category=Queue&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-cost-of-ropes-1587115620/1?page=1&amp;category=Queue&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Nearly sorted(Learn priority queue for sure)	<a href="https://www.geeksforgeeks.org/problems/nearly-sorted-1587115620/1?page=2&amp;category=Array&amp;sortBy=Medium">https://www.geeksforgeeks.org/problems/nearly-sorted-1587115620/1?page=2&amp;category=Array&amp;sortBy=Medium</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Sliding Window - Technique</b> (Don't skip this topic, I personally have been asked this topic many times)						
<b>Fixed Sliding Window(Size of the window will be provided)</b>		GeekForGeeks has very limited probs in this topics, so use leetcode for this event if you practice on it generally				
	Maximum sum subarray of size k	<a href="https://www.geeksforgeeks.org/problems/max-sum-subarray-of-size-k/1513/1?from_source=geeksforgeeks&amp;utm_medium=Article&amp;utm_campaign=bottom_all_views_all_views">https://www.geeksforgeeks.org/problems/max-sum-subarray-of-size-k/1513/1?from_source=geeksforgeeks&amp;utm_medium=Article&amp;utm_campaign=bottom_all_views_all_views</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count distinct element in every window(Once you understand handling window size fixed from above prob, this will be easy)	<a href="https://www.geeksforgeeks.org/problems/count-distinct-elements-in-every-window/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-distinct-elements-in-every-window/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	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)	<a href="https://www.geeksforgeeks.org/problems/first-negative-integer-in-every-window-of-size-k/1513/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/first-negative-integer-in-every-window-of-size-k/1513/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Maximum of all subarray of size k(Try to solve on own)	<a href="https://www.geeksforgeeks.org/problems/maximum-of-all-subarrays-of-size-k/1513/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/maximum-of-all-subarrays-of-size-k/1513/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count subarray of length k with k-1 distinct elements	<a href="https://www.geeksforgeeks.org/problems/subarrays-of-length-k-with-k-1-distinct-elements/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/subarrays-of-length-k-with-k-1-distinct-elements/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Maximum of minimum for every window-size k/1513/1	<a href="https://www.geeksforgeeks.org/problems/maximum-of-minimum-for-every-window-size-k/1513/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/maximum-of-minimum-for-every-window-size-k/1513/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Variable sliding window(Each prob will teach something in addition to the window so do solve everything)</b>						
	Subarray with given sum	<a href="https://www.geeksforgeeks.org/problems/subarray-with-given-sum-1587115621/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/subarray-with-given-sum-1587115621/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Longest subarray with given sum k(Same as above with slight modification)	<a href="https://www.geeksforgeeks.org/problems/longest-subarray-with-sum-k/1513/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/longest-subarray-with-sum-k/1513/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Subarray with 0 sum	<a href="https://www.geeksforgeeks.org/problems/subarray-with-0-sum-1587115621/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/subarray-with-0-sum-1587115621/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Smallest window of distinct elements	<a href="https://www.geeksforgeeks.org/problems/smallest-distinct-window/1132/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/smallest-distinct-window/1132/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Smallest window containing 0,1,2	<a href="https://www.geeksforgeeks.org/problems/smallest-window-containing-0-1-and-2-1700/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/smallest-window-containing-0-1-and-2-1700/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Smallest window in string containing all chars of another string	<a href="https://www.geeksforgeeks.org/problems/smallest-window-in-a-string-containing-all-the-characters-of-another-string-1587115621/1?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/smallest-window-in-a-string-containing-all-the-characters-of-another-string-1587115621/1?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Length of longest substring	<a href="https://www.geeksforgeeks.org/problems/length-of-the-longest-substring/0081/?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/length-of-the-longest-substring/0081/?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Largest subarray of 0s and 1s	<a href="https://www.geeksforgeeks.org/problems/largest-subarray-of-0s-and-1s/11?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/largest-subarray-of-0s-and-1s/11?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count of anagram occurrence(Super imp)	<a href="https://www.geeksforgeeks.org/problems/count-occurrences-of-anagram/0078/?page=1&amp;category=sliding-window&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-occurrences-of-anagram/0078/?page=1&amp;category=sliding-window&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Max consecutive ones III	<a href="https://leetcode.com/problems/max-consecutive-ones-iii/">https://leetcode.com/problems/max-consecutive-ones-iii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Full into basket	<a href="https://leetcode.com/problems/full-in-to-baskets/">https://leetcode.com/problems/full-in-to-baskets/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count number of rice subarrays	<a href="https://leetcode.com/problems/count-number-of-rice-subarrays/">https://leetcode.com/problems/count-number-of-rice-subarrays/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Longest repeating char replacement	<a href="https://leetcode.com/problems/longest-repeating-character-replacement/">https://leetcode.com/problems/longest-repeating-character-replacement/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum window substring	<a href="https://leetcode.com/problems/minimum-window-substring/">https://leetcode.com/problems/minimum-window-substring/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum window subsequence(Understand the diff between subarray and subsequence before starting this prob)	<a href="https://leetcode.com/problems/minimum-window-subsequence/">https://leetcode.com/problems/minimum-window-subsequence/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Subarray with k diff integers	<a href="https://leetcode.com/problems/subarrays-with-k-different-integers/">https://leetcode.com/problems/subarrays-with-k-different-integers/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Trees - Data structure</b>						
<b>Traversals</b>						
	Understand the basic of how tree data structure is represented		<a href="#">Best Tutorial link - click to view</a>			
	PreOrder Traversal	<a href="https://www.geeksforgeeks.org/problems/preorder-traversal/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/preorder-traversal/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	InOrder Traversal	<a href="https://www.geeksforgeeks.org/problems/inorder-traversal/1?page=2&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/inorder-traversal/1?page=2&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	PostOrder Traversal	<a href="https://www.geeksforgeeks.org/problems/postorder-traversal/1?page=2&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/postorder-traversal/1?page=2&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Level Order Traversal	<a href="https://www.geeksforgeeks.org/problems/level-order-traversal/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/level-order-traversal/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Boundary Traversal(Once level traversal is learnt, this you can solve)	<a href="https://www.geeksforgeeks.org/problems/boundary-traversal-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/boundary-traversal-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Vertical Traversals(Once level traversal is learnt, this you can solve, it extra logic is needed)	<a href="https://www.geeksforgeeks.org/problems/print-a-binary-tree-in-vertical-order/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/print-a-binary-tree-in-vertical-order/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Top View of BT(Once you have mastered level traversal, this should be easy)	<a href="https://www.geeksforgeeks.org/problems/top-view-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/top-view-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Bottom View of BT(Once you have mastered level traversal, this should be easy)	<a href="https://www.geeksforgeeks.org/problems/bottom-view-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/bottom-view-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Left View of BT(Once you have mastered vertical traversal, this should be easy)	<a href="https://www.geeksforgeeks.org/problems/left-view-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/left-view-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Right View of BT(Once you have mastered vertical traversal, this should be easy)	<a href="https://www.geeksforgeeks.org/problems/right-view-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/right-view-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Diagonal Traversal	<a href="https://www.geeksforgeeks.org/problems/diagonal-traversal-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/diagonal-traversal-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Basic and Easy patterns(Try to solve these once you learnt traversals)</b>						
	Insert node in a tree		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Height of the tree	<a href="https://www.geeksforgeeks.org/problems/height-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/height-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Diameter of the tree	<a href="https://www.geeksforgeeks.org/problems/diameter-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/diameter-of-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Check if 2 trees are identical	<a href="https://www.geeksforgeeks.org/problems/determine-if-two-trees-are-identical/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/determine-if-two-trees-are-identical/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Check if subtree	<a href="https://www.geeksforgeeks.org/problems/check-if-subtree/1?page=2&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/check-if-subtree/1?page=2&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Check for balanced tree	<a href="https://www.geeksforgeeks.org/problems/check-for-balanced-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/check-for-balanced-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Lowest common Ancestor in BT	<a href="https://www.geeksforgeeks.org/problems/lowest-common-ancestor-in-a-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/lowest-common-ancestor-in-a-binary-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Sum tree	<a href="https://www.geeksforgeeks.org/problems/sum-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/sum-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Symmetric tree	<a href="https://www.geeksforgeeks.org/problems/symmetric-tree/1?page=2&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/symmetric-tree/1?page=2&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minor of a tree	<a href="https://www.geeksforgeeks.org/problems/minor-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minor-tree/1?page=1&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Check if isomorphic	<a href="https://www.geeksforgeeks.org/problems/check-if-tree-is-isomorphic/1?page=2&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/check-if-tree-is-isomorphic/1?page=2&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Path and Distance</b>						
	Root to leaf paths	<a href="https://www.geeksforgeeks.org/problems/root-to-leaf-paths/1?page=2&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/root-to-leaf-paths/1?page=2&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Root to leaf path sum (Once the root to leaf path is solved, this should be easy)	<a href="https://www.geeksforgeeks.org/problems/root-to-leaf-paths/1?page=2&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/root-to-leaf-paths/1?page=2&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Maximum path sum from any node(Once the root to leaf path is solved, this should be easy)	<a href="https://www.geeksforgeeks.org/problems/maximum-path-sum-from-any-node/1?page=3&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/maximum-path-sum-from-any-node/1?page=3&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	K Sum Paths (Once the root to leaf path is solved, this should be easy)	<a href="https://www.geeksforgeeks.org/problems/k-sum-paths/1?page=3&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/k-sum-paths/1?page=3&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Nodes at given distance	<a href="https://www.geeksforgeeks.org/problems/nodes-at-given-distance-in-binary-tree/1?page=3&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/nodes-at-given-distance-in-binary-tree/1?page=3&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Range sum of BST(Solving nodes at given distance, will make this easy)	<a href="https://www.geeksforgeeks.org/problems/range-sum-between-two-given-nodes-of-a-binary-tree/1?page=2&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/range-sum-between-two-given-nodes-of-a-binary-tree/1?page=2&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum distance between 2 nodes(Solving nodes at given distance, will make this easy)	<a href="https://www.geeksforgeeks.org/problems/minimum-difference-between-nodes-and-their-ancestor/1?page=3&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-difference-between-nodes-and-their-ancestor/1?page=3&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Maximum distance between node and ancestor(Must solve though distance pattern is covered)	<a href="https://www.geeksforgeeks.org/problems/maximum-distance-between-nodes-and-their-ancestor/1?page=3&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/maximum-distance-between-nodes-and-their-ancestor/1?page=3&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Min time to burn a tree(Using distance logic, this can be solved)	<a href="https://www.geeksforgeeks.org/problems/burning-tree/1?page=2&amp;category=Tree&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/burning-tree/1?page=2&amp;category=Tree&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
<b>Binary Search Tree(Once the above patterns are covered, BST probs will become easy, but make sure to learn what BST is in general before starting with probs)</b>						
	Understand what BST is?		<a href="#">Best Tutorial link - click to view</a>			

	Insert a node in BST	<a href="https://leetcode.com/problems/insert-into-a-binary-search-tree/">https://leetcode.com/problems/insert-into-a-binary-search-tree/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Search a value in BST(Learn efficient algo to do it, since this can be handled efficiently in BST than BT)	<a href="https://leetcode.com/problems/search-a-node-in-bst/">https://leetcode.com/problems/search-a-node-in-bst/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Find minimum and maximum in BST	<a href="https://leetcode.com/problems/min-and-max-element-in-binary-tree/">https://leetcode.com/problems/min-and-max-element-in-binary-tree/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	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))	<a href="https://leetcode.com/problems/kth-largest-element-in-bst/">https://leetcode.com/problems/kth-largest-element-in-bst/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Check for BST(Try solving probs in this pattern by yourself till LCA once above are solved)	<a href="https://leetcode.com/problems/check-for-bst/">https://leetcode.com/problems/check-for-bst/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Find the closest element in BST	<a href="https://leetcode.com/problems/find-the-closest-element-in-bst/">https://leetcode.com/problems/find-the-closest-element-in-bst/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Count BST nodes in the given range	<a href="https://leetcode.com/problems/count-bst-nodes-that-lie-in-a-given-range/">https://leetcode.com/problems/count-bst-nodes-that-lie-in-a-given-range/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Largest BST in BT(Super imp - Must solve)	<a href="https://leetcode.com/problems/largest-bst/">https://leetcode.com/problems/largest-bst/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Lowest Common Ancestor in BST	<a href="https://leetcode.com/problems/lowest-common-ancestor-in-a-bst/">https://leetcode.com/problems/lowest-common-ancestor-in-a-bst/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Merge two BST(Super imp - Must solve)	<a href="https://leetcode.com/problems/merge-two-bst-s/">https://leetcode.com/problems/merge-two-bst-s/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Inorder successor and predecessor	<a href="https://leetcode.com/problems/inorder-successor-and-predecessor/">https://leetcode.com/problems/inorder-successor-and-predecessor/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Populate inorder successor for all nodes	<a href="https://leetcode.com/problems/populate-inorder-successor-for-all-nodes/">https://leetcode.com/problems/populate-inorder-successor-for-all-nodes/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	BST to greater sum tree	<a href="https://leetcode.com/problems/bst-to-greater-sum-tree/">https://leetcode.com/problems/bst-to-greater-sum-tree/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Delete given node from BST	<a href="https://leetcode.com/problems/delete-node-in-a-bst/">https://leetcode.com/problems/delete-node-in-a-bst/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
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 it by yourself)	<a href="https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/">https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Construct Binary Tree from Inorder and Postorder Traversal	<a href="https://leetcode.com/problems/construct-binary-tree-from-inorder-and-postorder-traversal/">https://leetcode.com/problems/construct-binary-tree-from-inorder-and-postorder-traversal/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Construct BST from given preorder traversal	<a href="https://leetcode.com/problems/construct-bst-from-preorder-traversal/">https://leetcode.com/problems/construct-bst-from-preorder-traversal/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Construct BT from parent array	<a href="https://leetcode.com/problems/construct-binary-tree-from-parent-array/">https://leetcode.com/problems/construct-binary-tree-from-parent-array/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
Subtree & Other must do tree probs	Serialize and deserialize BT	<a href="https://leetcode.com/problems/serialize-and-deserialize-binary-tree/">https://leetcode.com/problems/serialize-and-deserialize-binary-tree/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Largest subtree sum in a tree	<a href="https://leetcode.com/problems/largest-subtree-sum-in-a-tree/">https://leetcode.com/problems/largest-subtree-sum-in-a-tree/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Maximum sum of non adjacent nodes	<a href="https://leetcode.com/problems/maximum-sum-of-non-adjacent-nodes/">https://leetcode.com/problems/maximum-sum-of-non-adjacent-nodes/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Duplicate subtree	<a href="https://leetcode.com/problems/duplicate-subtree/">https://leetcode.com/problems/duplicate-subtree/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Flatten BT to linked list	<a href="https://leetcode.com/problems/flatten-binary-tree-to-linked-list/">https://leetcode.com/problems/flatten-binary-tree-to-linked-list/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
<b>Backtracking &amp; Recursion advanced - Technique</b>					
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					
Basic patterns and must solve(Each prob in this pattern will teach you something and also as you solve, you will start mastering it though initially it takes sometime)					
	Understand the basics of backtracking and start solving				
	Permutations of a string	<a href="https://leetcode.com/problems/permutations-of-a-string/">https://leetcode.com/problems/permutations-of-a-string/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Permutation II (You can solve on own once you solve above)	<a href="https://leetcode.com/problems/permutations-ii/">https://leetcode.com/problems/permutations-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Combination sum I	<a href="https://leetcode.com/problems/combination-sum/">https://leetcode.com/problems/combination-sum/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Combination sum II(Once you solve combination I, you should be able to solve this and below 2 probs too easily)	<a href="https://leetcode.com/problems/combination-sum-ii/">https://leetcode.com/problems/combination-sum-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Combination sum III	<a href="https://leetcode.com/problems/combination-sum-iii/">https://leetcode.com/problems/combination-sum-iii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Rat in maze(Once above probs are solved, you can do this easily)	<a href="https://leetcode.com/problems/rat-in-a-maze-problem/">https://leetcode.com/problems/rat-in-a-maze-problem/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Possible words from phone digits	<a href="https://leetcode.com/problems/possible-words-from-phone-digits/">https://leetcode.com/problems/possible-words-from-phone-digits/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Subsets	<a href="https://leetcode.com/problems/subsets/">https://leetcode.com/problems/subsets/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Unique subset(Solving above, you will be able to solve this easily)	<a href="https://leetcode.com/problems/subsets-ii/">https://leetcode.com/problems/subsets-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	N Queens(Super imp)	<a href="https://leetcode.com/problems/n-queens/">https://leetcode.com/problems/n-queens/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	N Queen II	<a href="https://leetcode.com/problems/n-queens-ii/">https://leetcode.com/problems/n-queens-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Permutation with spaces	<a href="https://leetcode.com/problems/permutation-with-spaces/">https://leetcode.com/problems/permutation-with-spaces/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Generate parentheses	<a href="https://leetcode.com/problems/generate-parentheses/">https://leetcode.com/problems/generate-parentheses/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Generate IP address	<a href="https://leetcode.com/problems/generate-ip-addresses/">https://leetcode.com/problems/generate-ip-addresses/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Solve the sudoku	<a href="https://leetcode.com/problems/sudoku-solver/">https://leetcode.com/problems/sudoku-solver/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	kth permutation	<a href="https://leetcode.com/problems/kth-permutation/">https://leetcode.com/problems/kth-permutation/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Word search	<a href="https://leetcode.com/problems/word-search/">https://leetcode.com/problems/word-search/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Palindrome partition of string	<a href="https://leetcode.com/problems/palindrome-partitioning/">https://leetcode.com/problems/palindrome-partitioning/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Decode the string	<a href="https://leetcode.com/problems/decode-string/">https://leetcode.com/problems/decode-string/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Letter case permutation	<a href="https://leetcode.com/problems/letter-case-permutation/">https://leetcode.com/problems/letter-case-permutation/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	sum string	<a href="https://leetcode.com/problems/sum-string/">https://leetcode.com/problems/sum-string/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	word boggle	<a href="https://leetcode.com/problems/word-boggle/">https://leetcode.com/problems/word-boggle/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Largest number in k swaps	<a href="https://leetcode.com/problems/largest-number-in-k-swaps/">https://leetcode.com/problems/largest-number-in-k-swaps/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Partition array to k subsets	<a href="https://leetcode.com/problems/partition-array-to-k-subsets/">https://leetcode.com/problems/partition-array-to-k-subsets/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
<b>Graphs - Data structure</b>					
<b>Traversals &amp; Basic</b>					
	Understand how graph is represented?		<a href="#">Best Tutorial link - click to view</a>		
	BFS Traversal(Super imp and basic)	<a href="https://leetcode.com/problems/bfs-traversal-of-graph/">https://leetcode.com/problems/bfs-traversal-of-graph/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	DFS Traversal(Super imp and basic)	<a href="https://leetcode.com/problems/dfs-traversal-of-graph/">https://leetcode.com/problems/dfs-traversal-of-graph/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Detect cycle in Directed graph	<a href="https://leetcode.com/problems/detect-cycle-in-a-directed-graph/">https://leetcode.com/problems/detect-cycle-in-a-directed-graph/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Detect cycle in Undirected graph	<a href="https://leetcode.com/problems/detect-cycle-in-an-undirected-graph/">https://leetcode.com/problems/detect-cycle-in-an-undirected-graph/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Detect Negative cycle in graph	<a href="https://leetcode.com/problems/negative-weight-cycle-finding/">https://leetcode.com/problems/negative-weight-cycle-finding/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
<b>Connected component(After traversal, this will be easy to solve)</b>					
	Connected component(Once you master this , all the below using this pattern will become super easy)	<a href="https://leetcode.com/problems/strongly-connected-components/">https://leetcode.com/problems/strongly-connected-components/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Number of Provinces(Learn how to solve this prob and solve the below in this pattern)	<a href="https://leetcode.com/problems/number-of-provinces/">https://leetcode.com/problems/number-of-provinces/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Number of islands	<a href="https://leetcode.com/problems/number-of-islands/">https://leetcode.com/problems/number-of-islands/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Number of distinct island	<a href="https://leetcode.com/problems/distinct-sub-islands/">https://leetcode.com/problems/distinct-sub-islands/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Number of closed island	<a href="https://leetcode.com/problems/closed-islands/">https://leetcode.com/problems/closed-islands/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
Bipartite	Bipartite graph	<a href="https://leetcode.com/problems/bipartite-graph/">https://leetcode.com/problems/bipartite-graph/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	M-colouring	<a href="https://leetcode.com/problems/m-coloring-problem/">https://leetcode.com/problems/m-coloring-problem/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Shortest Path	<a href="https://leetcode.com/problems/shortest-path-in-an-unweighted-graph/">https://leetcode.com/problems/shortest-path-in-an-unweighted-graph/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Find shortest path in DAG(Once you learn this, try to solve other probs in this pattern by yourself)	<a href="https://leetcode.com/problems/shortest-path-in-a-weighted-graph/">https://leetcode.com/problems/shortest-path-in-a-weighted-graph/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Dijkstra Algo	<a href="https://leetcode.com/problems/dijkstra-shortest-path-algorithm/">https://leetcode.com/problems/dijkstra-shortest-path-algorithm/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Step by Knight	<a href="https://leetcode.com/problems/knight-dialer/">https://leetcode.com/problems/knight-dialer/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Shortest path source to destiny	<a href="https://leetcode.com/problems/shortest-path-from-source-to-destination/">https://leetcode.com/problems/shortest-path-from-source-to-destination/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Find if path exists	<a href="https://leetcode.com/problems/path-exists/">https://leetcode.com/problems/path-exists/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Covid spread	<a href="https://leetcode.com/problems/covid-spread/">https://leetcode.com/problems/covid-spread/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Minimum cost path	<a href="https://leetcode.com/problems/minimum-cost-path/">https://leetcode.com/problems/minimum-cost-path/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Word ladder I	<a href="https://leetcode.com/problems/word-ladder/">https://leetcode.com/problems/word-ladder/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Word ladder II	<a href="https://leetcode.com/problems/word-ladder-ii/">https://leetcode.com/problems/word-ladder-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Floyd warshall algo	<a href="https://leetcode.com/problems/floyd-warshall-algorithm/">https://leetcode.com/problems/floyd-warshall-algorithm/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Bellmanford algo(imp - Will be used for negative cycle)	<a href="https://leetcode.com/problems/bellman-ford-algorithm/">https://leetcode.com/problems/bellman-ford-algorithm/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
Multi Source	Flood fill	<a href="https://leetcode.com/problems/flood-fill/">https://leetcode.com/problems/flood-fill/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Replace O's with X's(Below can be solved easily in this pattern once you learnt flood fill)	<a href="https://leetcode.com/problems/replace-o-s-with-x-s/">https://leetcode.com/problems/replace-o-s-with-x-s/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Unit area of largest region of 1s	<a href="https://leetcode.com/problems/largest-1-area-in-binary-matrix/">https://leetcode.com/problems/largest-1-area-in-binary-matrix/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Rotten Oranges	<a href="https://leetcode.com/problems/rotten-oranges/">https://leetcode.com/problems/rotten-oranges/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
Topological sort	Topological sort algo(Learning this algo, will make you solve all the probs in this pattern)	<a href="https://leetcode.com/problems/course-schedule/">https://leetcode.com/problems/course-schedule/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Prerequisite tasks	<a href="https://leetcode.com/problems/course-schedule-ii/">https://leetcode.com/problems/course-schedule-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	
	Course schedule I	<a href="https://leetcode.com/problems/course-schedule-i/">https://leetcode.com/problems/course-schedule-i/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>	

	Course schedule II	<a href="https://leetcode.com/problems/course-schedule-ii/">https://leetcode.com/problems/course-schedule-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Eventual safe states	<a href="https://www.geeksforgeeks.org/problems/eventual-safe-states112/page=1&amp;category=Graph&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/eventual-safe-states112/page=1&amp;category=Graph&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Alien dictionary	<a href="https://www.geeksforgeeks.org/problems/alien-dictionary17/page=1&amp;category=Sort&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/alien-dictionary17/page=1&amp;category=Sort&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Minimum Spanning Tree	Minimum spanning tree(Once you learn this, then you will be able to solve the probs in this pattern by yourself)	<a href="https://www.geeksforgeeks.org/problems/minimum-spanning-tree17/page=1&amp;category=Graph&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-spanning-tree17/page=1&amp;category=Graph&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Kruskals algo	<a href="https://www.geeksforgeeks.org/problems/kruskal-s-algorithm-6300">https://www.geeksforgeeks.org/problems/kruskal-s-algorithm-6300</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum cost to connect cities	<a href="https://leetcode.com/problems/connecting-cities-with-minimum-cost/">https://leetcode.com/problems/connecting-cities-with-minimum-cost/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum cost to connect all points	<a href="https://leetcode.com/problems/min-cost-to-connect-all-points/">https://leetcode.com/problems/min-cost-to-connect-all-points/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Disjoint set	Optimize water distribution	<a href="https://leetcode.com/problems/optimize-water-distribution-in-a-village/">https://leetcode.com/problems/optimize-water-distribution-in-a-village/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Learn the disjoint set Algo		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Union by rank, path compression(Super imp, dont skip)		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Networks connected	<a href="https://leetcode.com/problems/number-of-operations-to-make-network-connected/">https://leetcode.com/problems/number-of-operations-to-make-network-connected/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum swaps to sort	<a href="https://www.geeksforgeeks.org/problems/minimum-swaps-17/page=1&amp;category=Sort&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-swaps-17/page=1&amp;category=Sort&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Santa Banta	<a href="https://www.geeksforgeeks.org/problems/santa281417/page=3&amp;category=Graph&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/santa281417/page=3&amp;category=Graph&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Number of pairs	<a href="https://www.geeksforgeeks.org/problems/number-of-pairs-16453889617/page=1&amp;category=Graph&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/number-of-pairs-16453889617/page=1&amp;category=Graph&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Number of Island II	<a href="https://leetcode.com/problems/number-of-islands-ii/">https://leetcode.com/problems/number-of-islands-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Must solve imp algos	Making a large island	<a href="https://leetcode.com/problems/making-a-large-island/">https://leetcode.com/problems/making-a-large-island/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Bridges in graph	<a href="https://www.geeksforgeeks.org/problems/bridge-edge-in-graph17/page=3&amp;category=Graph&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/bridge-edge-in-graph17/page=3&amp;category=Graph&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Articulation point	<a href="https://www.geeksforgeeks.org/problems/articulation-point-117/page=3&amp;category=Graph&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/articulation-point-117/page=3&amp;category=Graph&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Critical connection	<a href="https://www.geeksforgeeks.org/problems/critical-connections17/page=3&amp;category=Graph&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/critical-connections17/page=3&amp;category=Graph&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Kosaraju algo (Strongly connected component algo)	<a href="https://www.geeksforgeeks.org/problems/strongly-connected-component-kosaraju-algo17/page=2&amp;category=Graph&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/strongly-connected-component-kosaraju-algo17/page=2&amp;category=Graph&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Word boggie	<a href="https://www.geeksforgeeks.org/problems/word-boggle14317/">https://www.geeksforgeeks.org/problems/word-boggle14317/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Word boggie II	<a href="https://www.geeksforgeeks.org/problems/word-boggle-ii-14193117/">https://www.geeksforgeeks.org/problems/word-boggle-ii-14193117/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Greedy - Technique						
Basics and must solves						
	Minimum number of jumps	<a href="https://www.geeksforgeeks.org/problems/minimum-number-of-jumps-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-number-of-jumps-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum operations	<a href="https://www.geeksforgeeks.org/problems/minimum-operations50417/page=1&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-operations50417/page=1&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimize the sum of product	<a href="https://www.geeksforgeeks.org/problems/minimize-the-sum-of-product190417/page=1&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimize-the-sum-of-product190417/page=1&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Largest number possible	<a href="https://www.geeksforgeeks.org/problems/largest-number-possible502817/page=1&amp;category=Sort&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/largest-number-possible502817/page=1&amp;category=Sort&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Lemonade change	<a href="https://www.geeksforgeeks.org/problems/lemonade-change172/page=2&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/lemonade-change172/page=2&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Activity selection probt(Super imp)	<a href="https://www.geeksforgeeks.org/problems/activity-selection-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/activity-selection-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	N meetings in a room(Super imp)	<a href="https://www.geeksforgeeks.org/problems/n-meetings-in-one-room-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/n-meetings-in-one-room-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum platforms	<a href="https://www.geeksforgeeks.org/problems/minimum-platforms-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-platforms-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimize the height	<a href="https://www.geeksforgeeks.org/problems/minimize-the-heights-172/page=3&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimize-the-heights-172/page=3&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum number of coins using greedy(This can be solved using naive, DP also but make sure to use greedy here)	<a href="https://www.geeksforgeeks.org/problems/minimum-number-of-coins42617/page=7&amp;category=Sort&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-number-of-coins42617/page=7&amp;category=Sort&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Job sequencing probt	<a href="https://www.geeksforgeeks.org/problems/job-sequencing-problem-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/job-sequencing-problem-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Fractional knapsack	<a href="https://www.geeksforgeeks.org/problems/fractional-knapsack-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/fractional-knapsack-158711562017/page=1&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Jump game	<a href="https://www.geeksforgeeks.org/problems/jump-game17/page=2&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/jump-game17/page=2&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Insert interval	<a href="https://leetcode.com/problems/insert-interval/">https://leetcode.com/problems/insert-interval/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Merge interval	<a href="https://leetcode.com/problems/merge-intervals/">https://leetcode.com/problems/merge-intervals/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Non overlapping interval	<a href="https://leetcode.com/problems/non-overlapping-intervals/">https://leetcode.com/problems/non-overlapping-intervals/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum cost of ropes	<a href="https://practice.geeksforgeeks.org/problems/minimum-cost-of-ropes-158711562017/">https://practice.geeksforgeeks.org/problems/minimum-cost-of-ropes-158711562017/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Partition labels	<a href="https://leetcode.com/problems/partition-labels/">https://leetcode.com/problems/partition-labels/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Cinema seat allocation	<a href="https://leetcode.com/problems/cinema-seat-allocation/">https://leetcode.com/problems/cinema-seat-allocation/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Max length chain	<a href="https://www.geeksforgeeks.org/problems/maximum-length-chain17/page=1&amp;category=Greedy&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/maximum-length-chain17/page=1&amp;category=Greedy&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Valid parentheses - Minimum	<a href="https://leetcode.com/problems/minimum-add-to-make-parentheses-valid/">https://leetcode.com/problems/minimum-add-to-make-parentheses-valid/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Shortest job first	<a href="https://practice.geeksforgeeks.org/problems/shortest-job-first17/page=1&amp;category=Sort&amp;sortBy=submissions">https://practice.geeksforgeeks.org/problems/shortest-job-first17/page=1&amp;category=Sort&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Least recently used	<a href="https://leetcode.com/problems/least-recently-used-cache/">https://leetcode.com/problems/least-recently-used-cache/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
Dynamic Programming - Technique						
Basic						
1D - Linear DP						
	Understand the basics!!		<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count num of hops	<a href="https://www.geeksforgeeks.org/problems/count-number-of-hops-158711562017/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-number-of-hops-158711562017/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count way to reach nth stair(Order matters)	<a href="https://www.geeksforgeeks.org/problems/count-ways-to-reach-the-nth-stair-158711562017/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-ways-to-reach-the-nth-stair-158711562017/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count way to reach nth stair(Order doesn't matter)	<a href="https://www.geeksforgeeks.org/problems/count-ways-to-reach-the-nth-stair-order-does-not-matter503617/page=4&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-ways-to-reach-the-nth-stair-order-does-not-matter503617/page=4&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	House robber	<a href="https://leetcode.com/problems/house-robber/">https://leetcode.com/problems/house-robber/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	House robber II	<a href="https://leetcode.com/problems/house-robber-ii/">https://leetcode.com/problems/house-robber-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
2D Grid DP	Count paths - grid	<a href="https://www.geeksforgeeks.org/problems/count-the-paths433217/page=5&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-the-paths433217/page=5&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Unique paths II	<a href="https://leetcode.com/problems/unique-paths-ii/">https://leetcode.com/problems/unique-paths-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count all possible paths with condition(You can solve this by yourself once above two are solved)	<a href="https://www.geeksforgeeks.org/problems/count-all-possible-paths-from-top-left-to-bottom-right40117/page=3&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-all-possible-paths-from-top-left-to-bottom-right40117/page=3&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum path sum in grid	<a href="https://leetcode.com/problems/minimum-path-sum/">https://leetcode.com/problems/minimum-path-sum/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Max path sum	<a href="https://www.geeksforgeeks.org/problems/maximum-path-sum340517/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/maximum-path-sum340517/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum path sum in triangular grid	<a href="https://leetcode.com/problems/triangle/">https://leetcode.com/problems/triangle/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Number of paths with k coins	<a href="https://www.geeksforgeeks.org/problems/number-of-paths-in-a-matrix-path-k-coins72817/page=7&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/number-of-paths-in-a-matrix-path-k-coins72817/page=7&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum/Maximum falling path sum	<a href="https://leetcode.com/problems/minimum-falling-path-sum/">https://leetcode.com/problems/minimum-falling-path-sum/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum falling path sum II	<a href="https://leetcode.com/problems/minimum-falling-path-sum-ii/">https://leetcode.com/problems/minimum-falling-path-sum-ii/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
DP on subsequence	Subset sum problem	<a href="https://www.geeksforgeeks.org/problems/subset-sum-problem-16115563017/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/subset-sum-problem-16115563017/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Count subset with given sum k	<a href="https://www.geeksforgeeks.org/problems/count-subset-sum-problem563317/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/count-subset-sum-problem563317/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link - click to view</a>		
	Partition equal subset sum(Try to do it on own after solving above two, just a small trick)	<a href="https://www.geeksforgeeks.org/problems/partition-equal-subset-sum-problem201417/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/partition-equal-subset-sum-problem201417/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum sum partition	<a href="https://www.geeksforgeeks.org/problems/minimum-sum-partition317172/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-sum-partition317172/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Count partition with given diff	<a href="https://www.geeksforgeeks.org/problems/0-1-knapsack-problem094517/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/0-1-knapsack-problem094517/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	0-1 Knapsack	<a href="https://www.geeksforgeeks.org/problems/0-1-knapsack-problem094517/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/0-1-knapsack-problem094517/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Maximum non adjacent subsequence	<a href="https://www.geeksforgeeks.org/problems/maximum-sum-without-adjacent245017/page=3&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/maximum-sum-without-adjacent245017/page=3&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Coin change	<a href="https://www.geeksforgeeks.org/problems/coin-change244817/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/coin-change244817/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Min number of coins	<a href="https://www.geeksforgeeks.org/problems/number-of-coins182417/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/number-of-coins182417/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Roll cutting	<a href="https://www.geeksforgeeks.org/problems/roll-cutting284017/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/roll-cutting284017/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Target sum	<a href="https://leetcode.com/problems/target-sum/">https://leetcode.com/problems/target-sum/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Minimum cost to fill given weight in bag(Solving the above probs in this pattern will make this super easy)	<a href="https://www.geeksforgeeks.org/problems/minimum-cost-to-fill-given-weight-in-bag190417/page=3&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/minimum-cost-to-fill-given-weight-in-bag190417/page=3&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
DP on Increasing subsequence	Knapsack with duplication items	<a href="https://www.geeksforgeeks.org/problems/knapsack-with-duplicate-items440177/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/knapsack-with-duplicate-items440177/page=2&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Longest increasing subsequence	<a href="https://leetcode.com/problems/longest-increasing-subsequence/">https://leetcode.com/problems/longest-increasing-subsequence/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Print longest increasing subsequence	<a href="https://leetcode.com/problems/longest-increasing-subsequence/">https://leetcode.com/problems/longest-increasing-subsequence/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Longest bitonic subsequence(Solve on own, definitely you can do it once the above two are solved)	<a href="https://www.geeksforgeeks.org/problems/longest-bitonic-subsequence308417/page=4&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/longest-bitonic-subsequence308417/page=4&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Longest divisible subset(This and the below are just extended version of longest increasing subsequence, so try on own)	<a href="https://leetcode.com/problems/longest-divisible-subset/">https://leetcode.com/problems/longest-divisible-subset/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Longest string chain	<a href="https://leetcode.com/problems/longest-string-chain/">https://leetcode.com/problems/longest-string-chain/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Num of longest increasing subsequence	<a href="https://leetcode.com/problems/number-of-longest-increasing-subsequence/">https://leetcode.com/problems/number-of-longest-increasing-subsequence/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
DP on strings(Using Longest common subsequence pattern)	Longest common subsequence(Once you learn this pattern, all probs under this pattern can be solved by yourself)	<a href="https://www.geeksforgeeks.org/problems/longest-common-subsequence-158711562017/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/longest-common-subsequence-158711562017/page=1&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Print Longest common subsequence(here you will need to print the string so must solve)	<a href="https://www.geeksforgeeks.org/problems/print-all-lcs-sequences3413172/page=7&amp;category=Dynamic%20Programming&amp;sortBy=submissions">https://www.geeksforgeeks.org/problems/print-all-lcs-sequences3413172/page=7&amp;category=Dynamic%20Programming&amp;sortBy=submissions</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Longest palindromic subsequence	<a href="https://leetcode.com/problems/longest-palindromic-subsequence/">https://leetcode.com/problems/longest-palindromic-subsequence/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		
	Form a palindrome with minimum insertions	<a href="https://leetcode.com/problems/minimum-insertion-steps-to-make-a-palindrome/">https://leetcode.com/problems/minimum-insertion-steps-to-make-a-palindrome/</a>	<a href="#">Best Tutorial link - click to view</a>	<a href="#">Article link-click to view</a>		



