	Youtube Channel: https://www.youtube.com/channel/UCQHLxxBFrbfdrk1jF0moTpw_	
Topic:	Problem:	Done [yes or no]
Array	Reverse the array	↔
Array	Find the maximum and minimum element in an array	<>
Array	Find the "Kth" max and min element of an array	<->
Array	Given an array which consists of only 0, 1 and 2. Sort the array without using any sorting algo	<>
Array	Move all the negative elements to one side of the array	<->
Array	Find the Union and Intersection of the two sorted arrays.  Write a program to cyclically rotate an array by one.	<->
Array Array	find Largest sum contiguous Subarray [V. IMP]	↔
Array	Minimise the maximum difference between heights [V.IMP]	<>
Array	Minimum no. of Jumps to reach end of an array	<->
Array	find duplicate in an array of N+1 Integers	<->
Array	Merge 2 sorted arrays without using Extra space.	<->
Array	Kadane's Algo [V.V.V.V IMP]	<->
Array	Merge Intervals	<->
Array Array	Next Permutation Count Inversion	↔
Array	Best time to buy and Sell stock	↔
Array	find all pairs on integer array whose sum is equal to given number	<->
Array	find common elements In 3 sorted arrays	<->
Array	Rearrange the array in alternating positive and negative items with O(1) extra space	<->
Array	Find if there is any subarray with sum equal to 0	<->
Array	Find factorial of a large number	<->
Array Array	find maximum product subarray Find longest coinsecutive subsequence	<->
Array	Given an array of size n and a number k, fin all elements that appear more than " n/k " times.	<->
Array	Maximum profit by buying and selling a share atmost twice	<>
Array	Find whether an array is a subset of another array.	<->
Array	Find the triplet that sum to a given value	<->
Array	Trapping Rain water problem	<->
Array	Chocolate Distribution problem  Smallest Subarray with sum greater than a given value	<->
Array Array	Three way partitioning of an array around a given value	↔
Array	Minimum swaps required bring elements less equal K together	<->
Array	Minimum no. of operations required to make an array palindrome	<->
Array	Median of 2 sorted arrays of equal size	<->
Array	Median of 2 sorted arrays of different size	<->
		<->
Matrix	Spiral traversal on a Matrix	<->
Matrix	Search an element in a matriix	<->
Matrix	Find median in a row wise sorted matrix	<->
Matrix	Find row with maximum no. of 1's	<->
Matrix Matrix	Print elements in sorted order using row-column wise sorted matrix  Maximum size rectangle	<->
Matrix	Find a specific pair in matrix	↔
Matrix	Rotate matrix by 90 degrees	<->
Matrix	Kth smallest element in a row-cpumn wise sorted matrix	<->
Matrix	Common elements in all rows of a given matrix	<>
String	Reverse a String Check whether a String is Palindrome or not	↔
String String	Find Duplicate characters in a string	↔
String	Why strings are immutable in Java?	↔
String	Write a Code to check whether one string is a rotation of another	<->
String	Write a Program to check whether a string is a valid shuffle of two strings or not	<->
String	Count and Say problem	<->
String	Write a program to find the longest Palindrome in a string. [Longest palindromic Substring]	<->
String	Find Longest Recurring Subsequence in String	<->
String String	Print all Subsequences of a string.  Print all the permutations of the given string	↔
String	Split the Binary string into two substring with equal 0's and 1's	↔
String	Word Wrap Problem [VERY IMP].	<->
String	EDIT Distance [Very Imp]	<->
String	Find next greater number with same set of digits. [Very Very IMP]	<->
String	Balanced Parenthesis problem.[Imp]	<->
String	Word break Problem [Very Imp]	<->
String String	Rabin Karp Algo KMP Algo	<->
String	Convert a Sentence into its equivalent mobile numeric keypad sequence.	↔
String	Minimum number of bracket reversals needed to make an expression balanced.	↔
String	Count All Palindromic Subsequence in a given String.	<>
String	Count of number of given string in 2D character array	<->
String	Search a Word in a 2D Grid of characters.	<->
String	Boyer Moore Algorithm for Pattern Searching.	<->
String	Converting Roman Numerals to Decimal	<->
String	Longest Common Prefix	<->

String	Find the first repeated word in string.  Minimum number of suppress the bracket haloncing	<->
String	Minimum number of swaps for bracket balancing.	<->
String	Find the longest common subsequence between two strings.	<->
String	Program to generate all possible valid IP addresses from given string.	<->
String	Write a program tofind the smallest window that contains all characters of string itself.	<->
String	Rearrange characters in a string such that no two adjacent are same	<->
String	Minimum characters to be added at front to make string palindrome	<->
String	Given a sequence of words, print all anagrams together	<->
String	Find the smallest window in a string containing all characters of another string	<->
String	Recursively remove all adjacent duplicates	<->
String	String matching where one string contains wildcard characters	<->
String	Function to find Number of customers who could not get a computer	<->
String	Transform One String to Another using Minimum Number of Given Operation	<->
String	Check if two given strings are isomorphic to each other	<->
String	Recursively print all sentences that can be formed from list of word lists	<->
Searching & Sorting	Find first and last positions of an element in a sorted array	<->
Searching & Sorting	Find a Fixed Point (Value equal to index) in a given array	↔
Searching & Sorting	Search in a rotated sorted array	<->
Searching & Sorting	square root of an integer	
Searching & Sorting	Maximum and minimum of an array using minimum number of comparisons	<->
	Optimum location of point to minimize total distance	<->
Searching & Sorting Searching & Sorting	Find the repeating and the missing	<>>
	find majority element	<->
Searching & Sorting Searching & Sorting	Searching in an array where adjacent differ by at most k	<->
	find a pair with a given difference	<->
Searching & Sorting		<->
Searching & Sorting	find four elements that sum to a given value	<->
Searching & Sorting	maximum sum such that no 2 elements are adjacent	<->
Searching & Sorting	Count triplet with sum smaller than a given value	<->
Searching & Sorting	merge 2 sorted arrays	<->
Searching & Sorting	print all subarrays with 0 sum	<->
Searching & Sorting	Product array Puzzle	<->
Searching & Sorting	Sort array according to count of set bits	<->
Searching & Sorting	minimum no. of swaps required to sort the array	<->
Searching & Sorting	Bishu and Soldiers	<->
Searching & Sorting	Rasta and Kheshtak	<->
Searching & Sorting	Kth smallest number again	<->
Searching & Sorting	Find pivot element in a sorted array	<->
Searching & Sorting	K-th Element of Two Sorted Arrays	<->
Searching & Sorting	<u>Aggressive cows</u>	<->
Searching & Sorting	Book Allocation Problem	<->
Searching & Sorting	EKOSPOJ:	<->
Searching & Sorting	Job Scheduling Algo	<->
Searching & Sorting	Missing Number in AP	<->
Searching & Sorting	Smallest number with atleastn trailing zeroes infactorial	<->
Searching & Sorting	Painters Partition Problem:	<->
Searching & Sorting	ROTI-Prata SPOJ	<->
Searching & Sorting	DoubleHelix SPOJ	<->
Searching & Sorting	<u>Subset Sums</u>	<->
Searching & Sorting	Findthe inversion count	<->
Searching & Sorting	Implement Merge-sort in-place	<->
Searching & Sorting	Partitioning and Sorting Arrays with Many Repeated Entries	<->
LinkedList	Write a Program to reverse the Linked List (Poth Herative and recursive)	
	Write a Program to reverse the Linked List. (Both Iterative and recursive)	<→
LinkedList	Reverse a Linked List in group of Given Size. [Very Imp]  Write a program to Detect Ionn in a linked list.	<->
LinkedList	Write a program to Delete loop in a linked list.	<->
LinkedList LinkedList	Write a program to Delete loop in a linked list.	<->
	Find the starting point of the loop.  Remove Duplicates in a control Linkol List.	<->
LinkedList	Remove Duplicates in a sorted Linked List.  Remove Duplicates in a Lin corted Linked List.	<->
LinkedList	Remove Duplicates in a Un-sorted Linked List.  Wike a Program to Mayor the left along out to Front in a Linked List.	<->
LinkedList	Write a Program to Move the last element to Front in a Linked List.	<->
LinkedList	Add "1" to a number represented as a Linked List.	<->
LinkedList	Add two numbers represented by linked lists.	<->
LinkedList	Intersection of two Sorted Linked List.	<->
LinkedList	Intersection Point of two Linked Lists.	<->
LinkedList	Merge Sort For Linked lists.[Very Important]	<->
LinkedList	Quicksort for Linked Lists.[Very Important]	<->
LinkedList	Find the middle Element of a linked list.	<->
LinkedList	Check if a linked list is a circular linked list.	<->
LinkedList	Split a Circular linked list into two halves.	<->
LinkedList	Write a Program to check whether the Singly Linked list is a palindrome or not.	<->
LinkedList	Deletion from a Circular Linked List.	<->
LinkedList	Reverse a Doubly Linked list.	<->
LinkedList	Find pairs with a given sum in a DLL.	<->
LinkedList	Count triplets in a sorted DLL whose sum is equal to given value "X".	<->
	Sort a "k"sorted Doubly Linked list.[Very IMP]	<->
LinkedList		
	Rotate DoublyLinked list by N nodes.	<->
LinkedList	Rotate DoublyLinked list by N nodes. Rotate a Doubly Linked list in group of Given Size.[Very IMP]	<>>
LinkedList LinkedList		
LinkedList LinkedList LinkedList	Rotate a Doubly Linked list in group of Given Size.[Very IMP]	<->

LinkedList	Sort a LL of 0's, 1's and 2's	<->
LinkedList	Clone a linked list with next and random pointer	<->
LinkedList	Merge K sorted Linked list	<->
LinkedList	Multiply 2 no. represented by LL	<>
LinkedList	Delete nodes which have a greater value on right side	<->
LinkedList	Segregate even and odd nodes in a Linked List	<->
LinkedList	Program for n'th node from the end of a Linked List	<->
LinkedList	Find the first non-repeating character from a stream of characters	<->
-· -	Land and a death a	
Binary Trees	level order traversal	<->
Binary Trees	Reverse Level Order traversal	<->
Binary Trees	Height of a tree	<->
Binary Trees	Diameter of a tree	<->
Binary Trees	Mirror of a tree	<->
Binary Trees	Inorder Traversal of a tree both using recursion and Iteration	<->
Binary Trees	Preorder Traversal of a tree both using recursion and Iteration	<->
Binary Trees	Postorder Traversal of a tree both using recursion and Iteration	
•		<->
Binary Trees	Left View of a tree	<->
Binary Trees	Right View of Tree	<->
Binary Trees	Top View of a tree	<->
Binary Trees	Bottom View of a tree	<->
Binary Trees	Zig-Zag traversal of a binary tree	<->
Binary Trees	Check if a tree is balanced or not	<->
·		
Binary Trees	Diagnol Traversal of a Binary tree	<->
Binary Trees	Boundary traversal of a Binary tree	<->
Binary Trees	Construct Binary Tree from String with Bracket Representation	<->
Binary Trees	Convert Binary tree into Doubly Linked List	<->
Binary Trees	Convert Binary tree into Sum tree	<->
Binary Trees	Construct Binary tree from Inorder and preorder traversal	<->
Binary Trees	Find minimum swaps required to convert a Binary tree into BST	
		<->
Binary Trees	Check if Binary tree is Sum tree or not	<->
Binary Trees	Check if all leaf nodes are at same level or not	<->
Binary Trees	Check if a Binary Tree contains duplicate subtrees of size 2 or more [ IMP ]	<->
Binary Trees	Check if 2 trees are mirror or not	<->
Binary Trees	Sum of Nodes on the Longest path from root to leaf node	<->
Binary Trees	Check if given graph is tree or not. [ IMP ]	<->
Binary Trees	Find Largest subtree sum in a tree	<->
•		
Binary Trees	Maximum Sum of nodes in Binary tree such that no two are adjacent	<->
Binary Trees	Print all "K" Sum paths in a Binary tree	<->
Binary Trees	Find LCA in a Binary tree	<->
Binary Trees	Find distance between 2 nodes in a Binary tree	<->
Binary Trees	Kth Ancestor of node in a Binary tree	<->
Binary Trees	Find all Duplicate subtrees in a Binary tree [ IMP ]	<->
Binary Trees	Tree Isomorphism Problem	<>
, , , , , , , , , , , , , , , , , , , ,		
Binary Search Trees	Fina a value in a BST	<->
Binary Search Trees	Deletion of a node in a BST	<->
Binary Search Trees	Find min and max value in a BST	<->
Binary Search Trees	Find inorder successor and inorder predecessor in a BST	<->
Binary Search Trees	Check if a tree is a BST or not	<->
•		
Binary Search Trees	Populate Inorder successor of all nodes	<->
Binary Search Trees	Find LCA of 2 nodes in a BST	<->
Binary Search Trees	Construct BST from preorder traversal	<->
Binary Search Trees	Convert Binary tree into BST	<->
Binary Search Trees	Convert a normal BST into a Balanced BST	<->
Binary Search Trees	Merge two BST [ V.V.V>IMP ]	<>
Binary Search Trees	Find Kth largest element in a BST	<->
•		
Binary Search Trees	Find Kth smallest element in a BST	<->
Binary Search Trees	Count pairs from 2 BST whose sum is equal to given value "X"	<->
Binary Search Trees	Find the median of BST in O(n) time and O(1) space	<->
Binary Search Trees	Count BST ndoes that lie in a given range	<->
Binary Search Trees	Replace every element with the least greater element on its right	<->
Binary Search Trees	Given "n" appointments, find the conflicting appointments	<->
Binary Search Trees	Check preorder is valid or not	<>
Binary Search Trees	Check whether BST contains Dead end	<->
•		
Binary Search Trees	Largest BST in a Binary Tree [ V.V.V.V. IMP ]	<->
Binary Search Trees	Flatten BST to sorted list	<->
Greedy	Activity Selection Problem	<->
Greedy	Job SequencingProblem	<->
Greedy	Huffman Coding	<->
Greedy	Water Connection Problem	<->
•	Fractional Knapsack Problem	
Greedy		<->
C '	Greedy Algorithm to find Minimum number of Coins	<->
Greedy	Maximum trains for which stoppage can be provided	<->
Greedy Greedy		
•	Minimum Platforms Problem	<->
Greedy		
Greedy Greedy	Minimum Platforms Problem	<->
Greedy Greedy Greedy	Minimum Platforms Problem  Buy Maximum Stocks if i stocks can be bought on i-th day	<>>

Greedy Greedy		
Greedy	Check if it is possible to survive on Island	<->
•	Find maximum meetings in one room	<->
Cunndu		
Greedy	Maximum product subset of an array	<->
Greedy	Maximize array sum after K negations	<->
Greedy	Maximize the sum of arr[i]*i	<->
Greedy	Maximum sum of absolute difference of an array	<->
Greedy	Maximize sum of consecutive differences in a circular array	<->
Greedy	Minimum sum of absolute difference of pairs of two arrays	
		<->
Greedy	Program for Shortest Job First (or SJF) CPU Scheduling	<->
Greedy	Program for Least Recently Used (LRU) Page Replacement algorithm	<->
Greedy	Smallest subset with sum greater than all other elements	<->
Greedy	Chocolate Distribution Problem	<->
	DEFKIN -Defense of a Kingdom	
Greedy		<->
Greedy	<u>DIEHARD -DIE HARD</u>	<->
Greedy	GERGOVIA -Wine trading in Gergovia	<->
Greedy	Picking Up Chicks	<->
Greedy	CHOCOLA -Chocolate	<->
Greedy	ARRANGE -Arranging Amplifiers	<->
Greedy	K Centers Problem	<->
Greedy	Minimum Cost of ropes	<->
Greedy	Find smallest number with given number of digits and sum of digits	<->
Greedy	Rearrange characters in a string such that no two adjacent are same	<->
Greedy	Find maximum sum possible equal sum of three stacks	<->
Orccuy	and some personal equal some of the Control of the	~~
BackTracking	Rat in a maze Problem	<->
•		
BackTracking	Printing all solutions in N-Queen Problem	<->
BackTracking	Word Break Problem using Backtracking	<->
BackTracking	Remove Invalid Parentheses	<->
BackTracking	Sudoku Solver	<->
BackTracking	m Coloring Problem	<->
BackTracking	Print all palindromic partitions of a string	
		<->
BackTracking	Subset Sum Problem	<->
BackTracking	The Knight's tour problem	<->
BackTracking	Tug of War	<->
BackTracking	Find shortest safe route in a path with landmines	<>>
BackTracking	Combinational Sum	
		<->
BackTracking	Find Maximum number possible by doing at-most K swaps	<->
BackTracking	Print all permutations of a string	<->
BackTracking	Find if there is a path of more than k length from a source	<->
BackTracking	Longest Possible Route in a Matrix with Hurdles	<>>
BackTracking	Print all possible paths from top left to bottom right of a mXn matrix	<->
BackTracking	Partition of a set into K subsets with equal sum	<->
BackTracking	Find the K-th Permutation Sequence of first N natural numbers	<->
Stacks & Queues	Implement Stack from Scratch	<->
Stacks & Queues Stacks & Queues	Implement Stack from Scratch Implement Queue from Scratch	<>> <>
•		
Stacks & Queues Stacks & Queues	Implement Queue from Scratch Implement 2 stack in an array	↔
Stacks & Queues Stacks & Queues Stacks & Queues	Implement Queue from Scratch Implement 2 stack in an array find the middle element of a stack	↔ ↔
Stacks & Queues Stacks & Queues Stacks & Queues Stacks & Queues	Implement Queue from Scratch Implement 2 stack in an array find the middle element of a stack Implement "N" stacks in an Array	↔ ↔ ↔
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Stacks & Queues	Implement Queue from Scratch Implement 2 stack in an array find the middle element of a stack Implement "N" stacks in an Array Check the expression has valid or Balanced parenthesis or not. Reverse a String using Stack Design a Stack that supports getMin() in O(1) time and O(1) extra space. Find the next Greater element	<ul> <li>⇔</li> <li>⇔</li> <li>⇔</li> <li>⇔</li> <li>⇔</li> <li>⇔</li> </ul>
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Stacks & Queues	Next Smaller Element	<->
Неар	Implement a Maxheap/MinHeap using arrays and recursion.	<->
•	Sort an Array using heap. (HeapSort)	
Heap	Maximum of all subarrays of size k.	<->
Heap	"k" largest element in an array	<->
Heap	7	<->
Heap	Kth smallest and largest element in an unsorted array	<->
Неар	Merge "K" sorted arrays. [IMP]	<->
Heap	Merge 2 Binary Max Heaps	<->
Heap	Kth largest sum continuous subarrays	<->
Heap	Leetcode- reorganize strings	<->
Неар	Merge "K" Sorted Linked Lists [V.IMP]	<->
Неар	Smallest range in "K" Lists	<->
Heap	Median in a stream of Integers	<->
Неар	Check if a Binary Tree is Heap	<->
Heap	Connect "n" ropes with minimum cost	<->
Heap	Convert BST to Min Heap	<->
Heap	Convert min heap to max heap	<->
Heap	Rearrange characters in a string such that no two adjacent are same.	<->
Heap	Minimum sum of two numbers formed from digits of an array	<->
Graph	Create a Graph, print it	<->
Graph	Implement BFS algorithm	<->
Graph	Implement DFS Algo	<->
Graph	Detect Cycle in Directed Graph using BFS/DFS Algo	<->
Graph	Detect Cycle in UnDirected Graph using BFS/DFS Algo	<->
Graph	Search in a Maze	<->
Graph	Minimum Step by Knight	<->
Graph	<u>flood fill algo</u>	<->
Graph	Clone a graph	<->
Graph	Making wired Connections	<->
Graph	word Ladder	<->
Graph	Dijkstra algo	<->
Graph	Implement Topological Sort	<->
Graph	Minimum time taken by each job to be completed given by a Directed Acyclic Graph	<->
Graph	Find whether it is possible to finish all tasks or not from given dependencies	<->
Graph	Find the no. of Isalnds	<->
Graph	Given a sorted Dictionary of an Alien Language, find order of characters	<->
Graph	Implement Kruksal's Algorithm	<->
Graph	Implement Prim's Algorithm	
Graph	Total no. of Spanning tree in a graph	<->
•	Implement Bellman Ford Algorithm	<->
Graph		<->
Graph	Implement Floyd warshallAlgorithm  Transline Selection Park learn	<->
Graph	Travelling Salesman Problem	<->
Graph	Graph ColouringProblem	<->
Graph	Snake and Ladders Problem	<->
Graph	Find bridge in a graph	<->
Graph	Count Strongly connected Components(Kosaraju Algo)	<->
Graph	Check whether a graph is Bipartite or Not	<->
Graph	Detect Negative cycle in a graph	<->
Graph	Longest path in a Directed Acyclic Graph	<->
Graph	Journey to the Moon	<->
Graph	Cheapest Flights Within K Stops	<->
Graph	Oliver and the Game	<->
Graph	Water Jug problem using BFS	<->
Graph	Water Jug problem using BFS	<->
Graph	Find if there is a path of more thank length from a source	<->
Graph	M-ColouringProblem	<->
Graph	Minimum edges to reverse o make path from source to destination	<->
Graph	Paths to travel each nodes using each edge(Seven Bridges)	<->
Graph	Vertex Cover Problem	<->
Graph	Chinese Postman or Route Inspection	<->
Graph	Number of Triangles in a Directed and Undirected Graph	<->
Graph	Minimise the cashflow among a given set of friends who have borrowed money from each other	<→
Graph	Two Clique Problem	<->
p"		***
Trie	Construct a trie from scratch	<->
Trie	Find shortest unique prefix for every word in a given list	<->
Trie	Word Break Problem   (Trie solution)	<->
Trie	Given a sequence of words, print all anagrams together	<->
Trie	Implement a Phone Directory	<->
Trie	Print unique rows in a given boolean matrix	<->
<u>-</u>		1,
ynamic Programming	<u>Coin ChangeProblem</u>	<->
ynamic Programming	Knapsack Problem	<->
ynamic Programming	Binomial CoefficientProblem	<->
ynamic Programming	<u>Permutation CoefficientProblem</u>	<->
ynamic Programming	Program for nth Catalan Number	<->
ynamic Programming	Matrix Chain Multiplication	<->

Dynamic Programming	<u>Subset Sum Problem</u>	<->
Dynamic Programming	Friends Pairing Problem	<->
Dynamic Programming	Gold Mine Problem	<->
Dynamic Programming	Assembly Line Scheduling Problem	<->
Dynamic Programming	Painting the Fenceproblem	<->
Dynamic Programming	Maximize The Cut Segments	<->
Dynamic Programming	Longest Common Subsequence	<->
Dynamic Programming	Longest Repeated Subsequence	<->
Dynamic Programming	Longest Increasing Subsequence	<->
Dynamic Programming	Space Optimized Solution of LCS	<->
Dynamic Programming	LCS (Longest Common Subsequence) of three strings	<->
Dynamic Programming	Maximum Sum Increasing Subsequence	<->
Dynamic Programming	Count all subsequences having product less than K	<->
Dynamic Programming	Longest subsequence such that difference between adjacent is one	<->
<b>Dynamic Programming</b>	Maximum subsequence sum such that no three are consecutive	<->
<b>Dynamic Programming</b>	Egg Dropping Problem	<->
Dynamic Programming	Maximum Length Chain of Pairs	<->
Dynamic Programming	Maximum size square sub-matrix with all 1s	<->
Dynamic Programming	Maximum sum of pairs with specific difference	<->
Dynamic Programming	Min Cost PathProblem	<->
Dynamic Programming	Maximum difference of zeros and ones in binary string	<->
Dynamic Programming	Minimum number of jumps to reach end	<->
Dynamic Programming	Minimum cost to fill given weight in a bag	<->
Dynamic Programming	Minimum removals from array to make max -min <= K	<->
Dynamic Programming	Longest Common Substring	↔
Dynamic Programming	Count number of ways to reacha given score in a game	<->
Dynamic Programming	Count Balanced Binary Trees of Height h	<->
Dynamic Programming	LargestSum Contiguous Subarray IV>V>V>V IMP 1	<->
Dynamic Programming	Smallest sum contiguous subarray	<->
Dynamic Programming	Unbounded Knapsack (Repetition of items allowed)	<->
Dynamic Programming	Word Break Problem	<->
Dynamic Programming	Largest Independent Set Problem	<->
Dynamic Programming	Partition problem	↔
Dynamic Programming	Longest Palindromic Subsequence	<>
Dynamic Programming	Count All Palindromic Subsequence in a given String	↔
Dynamic Programming	Longest Palindromic Substring	<->
Dynamic Programming	Longest alternating subsequence	↔
Dynamic Programming	Weighted Job Scheduling	↔
Dynamic Programming	Coin game winner where every player has three choices	↔
Dynamic Programming	Count Derangements (Permutation such that no element appears in its original position) [ IMPORTANT ]	↔
Dynamic Programming	Maximum profit by buying and selling a share at most twice [ IMP ]	↔
Dynamic Programming	Optimal Strategy for a Game	
Dynamic Programming	Optimal Binary Search Tree	↔
Dynamic Programming	Palindrome PartitioningProblem	
Dynamic Programming  Dynamic Programming	Word Wrap Problem	↔
Dynamic Programming  Dynamic Programming	Mobile Numeric Keypad Problem [ IMP ]	
Dynamic Programming	Boolean Parenthesization Problem	<>
Dynamic Programming	Largest rectangular sub-matrix whose sum is 0	<->
Dynamic Programming  Dynamic Programming	Largest rectangular sub-matrix whose sum is 0  Largest area rectangular sub-matrix with equal number of 1's and 0's [IMP]	<->
Dynamic Programming  Dynamic Programming	Maximum sum rectangle in a 2D matrix	<>
		<->
Dynamic Programming  Dynamic Programming	Maximum profit by buying and selling a share at most k times  Find if a string is interleaved of two other strings	<->
		<->
Dynamic Programming	Maximum Length of Pair Chain	<→
Bit Manipulation	Count set bits in an integer	<>>
Bit Manipulation	Find the two non-repeating elements in an array of repeating elements	<->
Bit Manipulation	Count number of bits to be flipped to convert A to B	<->
Bit Manipulation	Count total set bits in all numbers from 1 to n	<->
Bit Manipulation	Program to find whether a no is power of two	<->
Bit Manipulation	Find position of the only set bit	<->
Bit Manipulation	Copy set bits in a range	<->
Bit Manipulation	Divide two integers without using multiplication, division and mod operator	<->
Bit Manipulation	Calculate square of a number without using *, / and pow()	<->
Bit Manipulation	Power Set	<->