Explorin Academy

Zero To Hero

Master DSA Practice Sheet

Trees

Inorder Traversal

Preorder Traversal

Postorder Traversal

Binary search tree to greater sum

Populating next pointers

Sum of Distances in tree

right side view

Left View

inorder successor in a BST

max product of splitted binary tree

image multiplication

LCA-BST

LCA-BT

Distribute Coins in a BT

Top View

Bottom View

Diagonal Traversal

Reverse Level order traversal

Boundary Traversal

Vertical Order Traversal

B Tree Coloring Game

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B Tree Cameras

Max Path Sum

Recover BST

flatten-binary-tree

BT to circular doubly LL

Sorted DLL to Balanced BST

Merging 2 balanced BSTs

BT with random ptrs

delete node in a BST

Construct BT from Inorder+preOrder

Construct BT from postorder+inOrder

Construct BT from levelorder+inorder

isBST using preorder

construct BST from post order

serialize and deserialize a BT

Fenwick Tree

longest zig zag path in BT

count complete tree nodes

sum to leaf numbers

Closest BST val

Closest BST val 2

Segment Tree+Square Root Decomp

Select Nodes | Practice | GeeksforGeeks

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Graphs

is Graph Bipartite

Bus Routes

Minimum cost connect cities

Optimizing water distribution(Google)

Chef and Reversing

Kosaraju Algorithm

Evaluate Division

Mother Vertex

Number of Enclaves

0-1 Matrix

Number of distinct islands

Coloring a border

Rotting Oranges

Course Schedule 2

Articulation point

Doctor Strange

Sentence SImilarity 2

Redundant connection

Redundant connection 2

Number of islands 2

Regions cut by slashes

Satisfiability of equality equations

Castle Run

Minimize Malware Spread

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Kruskal MST

Job Sequencing Problem

Reconstruct Itenary

Sort Items By Groups Respecting Dependencies

Most Stones removed from the same row or col

Find the maximum flow

Minimim swaps required to sort array

Minimum swaps to make two array identical

Bricks Falling when hit

Alien Dictionary

Largest color value in a directed graph

Swim in rising water

Shortest distance from all buildings

remove max number of edges to keep graph traversal

graph connectivity with threshold

Smallest strings with swaps

cheapest flight within k stops

crackng the safe

Find evantual safe state

Shortest cycle in an undirected graph

Floyd Warshall

Word Ladder

Shortest bridge

As far from land as possible

Sliding Puzzle

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bellman ford

Shortest Bridge - LeetCode

CSES - Flight Discount

Hash Maps and Heaps

number of subarrays sum exactly k

Subarray sum Divisible by k

Same differences

subarray with equal number of 0 and 1

Substring with equal 0 1 and 2

K closest point from origin

Longest consecutive 1's

Minimum number of refueling spots

Potions(hard version)

X of akind in a deck

Check AP sequence

Array of doubled Pair

Rabbits in forest

Longest consecutive sequence

The skyline problem

Morning Assembly

Brick wall

Grid illumination

Island perimeter

bulb switcher

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Isomorphic string

Pairs of coinciding points

trapping rain water

Trapping Rain Water II

Count Pair whose sum is divisible by k

length of largest subarray with continuous element

length of largest subarray with cont element 2

smallest number whose digit mult to given no.

same frequency after one removal

Insert Delete GetRandom O(1)

Insert delete get random duplicates allowed

Find all anagrams in a string

Anagram Pallindrome

Minimum Window Substring

Group anagram

longest substring with unique character

smallest subarray with all the occurence of MFE

Find Anagram Mapping

K anagram

rearrange character string such that no two are same

Employee Free time

Mode of frequencies

Line reflection

Kth smallest element in sorted 2d matrix

Kth smallest prime fraction

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Minimum Seconds to Equalize a Circular Array

Number of Wonderful Substrings - LeetCode

Count of Interesting Subarrays - LeetCode

Find the Longest Substring Containing Vowels in Even Counts

Stacks

Next Greater Element on right

Next Greater Element 2

Daily Temperatures

Stock Span Problem

maximum difference between left and right smaller

Largest Rectangular Area Histogram

Maximal Rectangle

Asteroid Collision

Valid Parentheses

Length of longest valid substring

Count of duplicate Parentheses

Minimum Number of bracket reversal

Minimum Add To make Parentheses Valid

Remove K digits From number

First negative Integer in k sized window

Maximum sum of smallest and second smallest

K reverse in a queue

K stacks in a single array

K queue

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Gas Station

Print Binary Number

Remove duplicate letters

Backspace String Compare

Car fleet

Validate Stack

max frequency stack

Min Stack

Min cost tree from leaf values

Linked List

reverse LinkedList

Find the middle element

Floyd cycle

Clone a linkedlist

Split circular Linkedlist

Intersection point of 2 linked list

LRU Cache

Reverse Nodes in K-Groups

Split Linked List in K Parts

Reverse Linked List II - LeetCode

DP

Weighted Job Scheduling

Matchstick To Square

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K Inverse Pair Arrays

Interleaving String

Out of Bounds Paths

Knights Probability in Chess

https://practice.geeksforgeeks.org/problems/number-of-longest-increasing-subsequence/1

longest increasing subsequence

building bridges

Russian doll envelopes

Box stacking

minimum number of increasing subsequence

weighted Job scheduling

Minimum number of taps to water a garden

Online majority Element in a Subarray

best time to buy and sell stock

best time to buy and sell 2

buy and sell with transaction time

best time to buy and sell with cool down

best time to buy and sell 3

best time to but and sell 4

Video Stiching

Jump Game 2

Minimum number of taps to water a garden

Paint fence

Paint house

Paint house 2

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No. of binary string without consecutive 1

Possible ways to construct the building

Total no. of bst

Number of valid parentheses

Applications of Catalan numbers

Min cost path

Cherry pickup

Cherry pickup 2

Highway billboard problem

burst balloons

Matrix chain multiplication

boolean parenthesization

Min and max val of expression

Minimum score triangulation

Binomial coefficient

Longest common subsequence

LCS triplet

Longest pallinddromic subsequence

Count all pallindromic subsequence

Count distinct pallindromic subsequence

Palindromic substrings

No. of sequence of type a^i+b^j+c^k

COunt of distinct subsequences

Edit distance

2 egg 100 floor

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egg drop

Optimal strategy for a game

Ugly number

Super ugly number

max size subsquare with all 1

Stamping the Grid

Wildcard pattern matching

Regular Expression Matching

Palindrome partitioning

Longest Bitonic subsequence

Knights probability in chessboard

Word break problem

Longest repeating subsequence

Optimal BST

Max sum subarray with atleast k elements

Say no to palindrome

Number of digit 1

Scramble string

Distinct subsequences

Shortest common superseq

Longest common substring

Frog jump

Jump game 2

Friends pairing problem

Dungeon game

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Decode Ways II - LeetCode

2 keys keyboard

House Robber

House Robber 2

https://leetcode.com/problems/partition-array-into-two-arrays-to-minimize-sum-difference/

CSES - Money Sums

Maximum Strictly Increasing Cells in a Matrix

Number of Ways to Paint N × 3 Grid - LeetCode

Minimum Total Space Wasted With K Resizing

Largest Sum Subarray of Size at least K

Longest Non-decreasing Subarray From Two Arrays - LeetCode

Remove Boxes - LeetCode

Sorting - Searching

median of two sorted array

capacity to ship within D days

koko eating bananas

smallest divisor given a threshold

Painter's partition problem

split array largest sum

Median from data stream

Kth smallest prime fraction

search in rotated sorted array

Search in rotated sorted array 2

Find Minimum in rotated sorted array

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find min in rotated sorted array 2

counting sort

merge sort

count inversions

Arrays and Strings

Long Pressed Name

Container With Most Water

Squares of a sorted array

majority element

majority element 2

majority element general

Next Greater Element III

max product of 3 numbers

https://leetcode.com/problems/max-chunks-to-make-sorted/

Max Chunks To Make Sorted II

number of subarrays with bounded maximum

wiggle sort

largest number atleast twice of others

Product of Array Except Self

First missing positive

maximize distance to closest person

Reverse vowels of a string

Range Addition

best meeting points

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digit_multiplier

Segregate 0 and 1

Segregate 0-1-2

Sort Array By Parity

Maximum Swap

Sieve of Eratosthenes

Segmented sieve

Two Sum

Two Difference

Boats to Save People

MIn Jump required with +i or -i allowed

K_LCM 1

K_LCM 2

consecutive number sum

partition labels

partition array into disjoint intervals

Buddy nim

minimum domino rotation for equal row

Sliding window maximum

rotate image

push dominoes

multiply strings

smallest range from k lists

maximum product subarray

valid pallindrome 2

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Sum of subsequence width

Max Consecutive Ones II

max consecutive ones 3

Maximum sum of smallest and second smallest

cherry

Min No. of Platform

Say no to palindrome

Orderly Queue

Diane

KMP

Shortest Palindrome

Z algo

chef and secret password

Meeting rooms

Meeting rooms 2

Merge intervals

Interval_List_Intersection

Insert Interval

min number of arrow

max sum of two non overlapping subarrays

(18) String Matching - LeetCode

Sum of Imbalance Numbers of All Subarrays

Count Subarrays With Median K

TRIE

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Implement TRIE

Design add and search words

Maximum xor of two numbers in an array

concatenated words

Word search 2

Very Important resource

Implement Trie II - Coding Ninjas

Camelcase Matching - LeetCode

Remove Sub-Folders from the Filesystem - LeetCode

BITS

Basic of bits

Print RSB mask

Kernighans algorithm

Grey Code

All repeating except one

All repeating except 2

RPD and Rap Sheet

Minimum number of software dev

Subsets of an array

Array Differentiation

One repeating and one missing

All repeating three times except 1

Triplets - 1

Reduce N to 1

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Pepcoder and BITS

Number of Steps to Reduce a Number in Binary Representation

XOR of sum of all pairs

Concatenation of Consecutive Binary Numbers - LeetCode

Number theory

Euclidean algorithm

Extended Euclidean algorithm

Linear diaophantine equation

Fermat's little theorem

No min No max

Boring factorials

Exploring

Keep pushing boundaries, embracing the spirit of a true warrior.

Dare to Dream, Champion!