SLIDING WINDOW PATTERN

643. Maximum Average Subarray I

Solved

Easy | Topics | Companies

You are given an integer array `nums` consisting of `n` elements, and an integer `k`.

3. Longest Substring Without Repeating Characters

Solved

Medium | Topics | Companies | Hint

76. Minimum Window Substring

Solved

Hard | Topics | Companies | Hint

Given two strings `s` and `t` of lengths `m` and `n` respectively, return *the* ***minimum window*** substring of `s` *such that every character in* `t` ***(including duplicates)*** *is*

FAST AND SLOW POINTER PATTERN

141. Linked List Cycle

Solved

Easy | Topics | Companies

Given `head`, the head of a linked list, determine if the linked list has a cycle in it.

202. Happy Number

Solved

Easy | Topics | Companies

Write an algorithm to determine if a number `n` is happy.

287. Find the Duplicate Number

Solved

Medium | Topics | Companies

Given an array of integers `nums` containing `n + 1` integers where each integer is in the range `[1 ... n]` inclusive

LINKED LIST IN-PLACE REVERSAL PATTERN

206. Reverse Linked List

Solved

Easy | Topics | Companies

Given the `head` of a singly linked list, reverse the list, and return *the reversed list*.

92. Reverse Linked List II

Solved

Medium | Topics | Companies

Given the `head` of a singly linked list and two integers `left` and `right` where `left <= right`, reverse the nodes of the list from position `left` to position `right`, and

24. Swap Nodes in Pairs

Solved

Medium | Topics | Companies

Given a linked list, swap every two adjacent nodes and return its head. You must solve the problem without modifying the values in the list's nodes (i.e., only nodes

MONOTONIC STACK PATTERN

496. Next Greater Element I

Solved

Easy | Topics | Companies

The **next greater element** of some element `x` in an array is the **first greater** element that is **to the right** of `x` in the same array.

739. Daily Temperatures

Solved

Medium | Topics | Companies | Hint

Given an array of integers `temperatures` represents the daily temperatures, return an array `answer` *such that* `answer[i]` *is the number of days you have to wait after*

84. Largest Rectangle in Histogram

Solved

Hard | Topics | Companies

Given an array of integers `heights` representing the histogram's bar height where the width of each bar is `1`, return *the area of the largest rectangle in the histogram*

TOP 'K' ELEMENTS PATTERN

215. Kth Largest Element in an Array

Solved

Medium | Topics | Companies

Given an integer array `nums` and an integer `k`, return *the* `k^th` *largest element in the array*

347. Top K Frequent Elements

Solved

Medium | Topics | Companies

Given an integer array `nums` and an integer `k`, return *the* `k` *most frequent elements*. You may return the answer in **any order**.

373. Find K Pairs with Smallest Sums

Solved

Medium | Topics | Companies

You are given two integer arrays `nums1` and `nums2` sorted in **non-decreasing order** and an integer `k`

VERLAPPING INTERVALS PATTER

56. Merge Intervals

Solved

Medium | Topics | Companies

Given an array of `intervals` where `intervals[i] = [start_i, end_i]`, merge all overlapping intervals, and return an array of the non-overlapping intervals that

57. Insert Interval

Solved

Medium | Topics | Companies | Hint

You are given an array of non-overlapping intervals `intervals` where `intervals[i] = [start_i, end_i]` represent the start and the end of the `i^th` interval

435. Non-overlapping Intervals

Solved

Medium | Topics | Companies

Given an array of intervals `intervals` where `intervals[i] = [start_i, end_i]`, return the minimum number of intervals you need to remove to make the rest of the

MODIFIED BINARY SEARCH PATTERN

33. Search in Rotated Sorted Array

Solved

Medium | Topics | Companies

There is an integer array `nums` sorted in ascending order (with **distinct** values).

153. Find Minimum in Rotated Sorted Array

Solved

Medium | Topics | Companies | Hint

240. Search a 2D Matrix II

Solved

Medium | Topics | Companies

Write an efficient algorithm that searches for a value `target` in an `m x n` integer matrix `matrix`. This matrix has the following properties:

257. Binary Tree Paths

Solved

Easy | Topics | Companies

Given the `root` of a binary tree, return *all root-to-leaf paths in* ***any order****.*

230. Kth Smallest Element in a BST

Solved

Medium | Topics | Companies | Hint

Given the `root` of a binary search tree, and an integer `k`, return the k^{th} *smallest value (1-indexed) of all the values of the nodes in the tree*

124. Binary Tree Maximum Path Sum

Solved

Hard | Topics | Companies

A path in a binary tree is a sequence of nodes where each pair of adjacent nodes in the sequence has an edge connecting them. A node can only appear in the

107. Binary Tree Level Order Traversal II

Solved

Medium | Topics | Companies

Given the `root` of a binary tree, return *the bottom-up level order traversal of its nodes' values.* (i.e., from left to right, level by level from leaf to root).

DFS PATTERN

133. Clone Graph

Solved

Medium | Topics | Companies

Given a reference of a node in a **connected** undirected graph.

113. Path Sum II

Solved

Medium | Topics | Companies

Given the `root` of a binary tree and an integer `targetSum`, return *all* ***root-to-leaf*** *paths where the sum of the node values in the path equals* `targetSum`. *Each path*

210. Course Schedule II

Solved

Medium | Topics | Companies | Hint

There are a total of `numCourses` courses you have to take, labeled from `0` to `numCourses - 1`. You are given an array `prerequisites` where `prerequisites[i]`

BFS PATTERN

102. Binary Tree Level Order Traversal

Solved

Medium | Topics | Companies

Given the `root` of a binary tree, return *the level order traversal of its nodes' values.* (i.e., from left to right, level by level)

994. Rotting Oranges

Solved

Medium | Topics | Companies

You are given an `m x n` `grid` where each cell can have one of three values:

127. Word Ladder

Solved

Hard | Topics | Companies

A **transformation sequence** from word `beginWord` to word `endWord` using a

MATRIX TRAVERSAL PATTERN

733. Flood Fill

Solved

Easy | Topics | Companies | Hint

An image is represented by an `m x n` integer grid `image` where `image[i][j]` represents the pixel value of the image

200. Number of Islands

Solved

Medium | Topics | Companies

Given an `m x n` 2D binary grid `grid` which represents a map of `'1'`s (land) and `'0'`s (water), return *the number of islands*

130. Surrounded Regions

Solved

Medium | Topics | Companies

You are given an `m x n` matrix `board` containing **letters** `'X'` and `'O'`, **capture regions** that are **surrounded**:

DYNAMIC PROGRAMMING PATTERN

70. Climbing Stairs

Solved

Easy | Topics | Companies | Hint

You are climbing a staircase. It takes `n` steps to reach the top.

300. Longest Increasing Subsequence

Solved

Medium | Topics | Companies

Given an integer array `nums`, return *the length of the longest* ***strictly increasing subsequence***.

322. Coin Change

Solved

Medium | Topics | Companies

You are given an integer array `coins` representing coins of different denominations and an integer `amount` representing a total amount of money.

416. Partition Equal Subset Sum

Solved

Medium | Topics | Companies

Given an integer array `nums`, return `true` *if you can partition the array into two subsets such that the sum of the elements in both subsets is equal or* `false`

1143. Longest Common Subsequence

Solved

Medium | Topics | Companies | Hint

Given two strings `text1` and `text2`, return *the length of their longest* ***common subsequence***. If there is no **common subsequence**, return `0`.

312. Burst Balloons

Solved

Hard | Topics | Companies

You are given `n` balloons, indexed from `0` to `n - 1`. Each balloon is painted with a number on it represented by an array `nums`. You are asked to burst all the balloons.