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

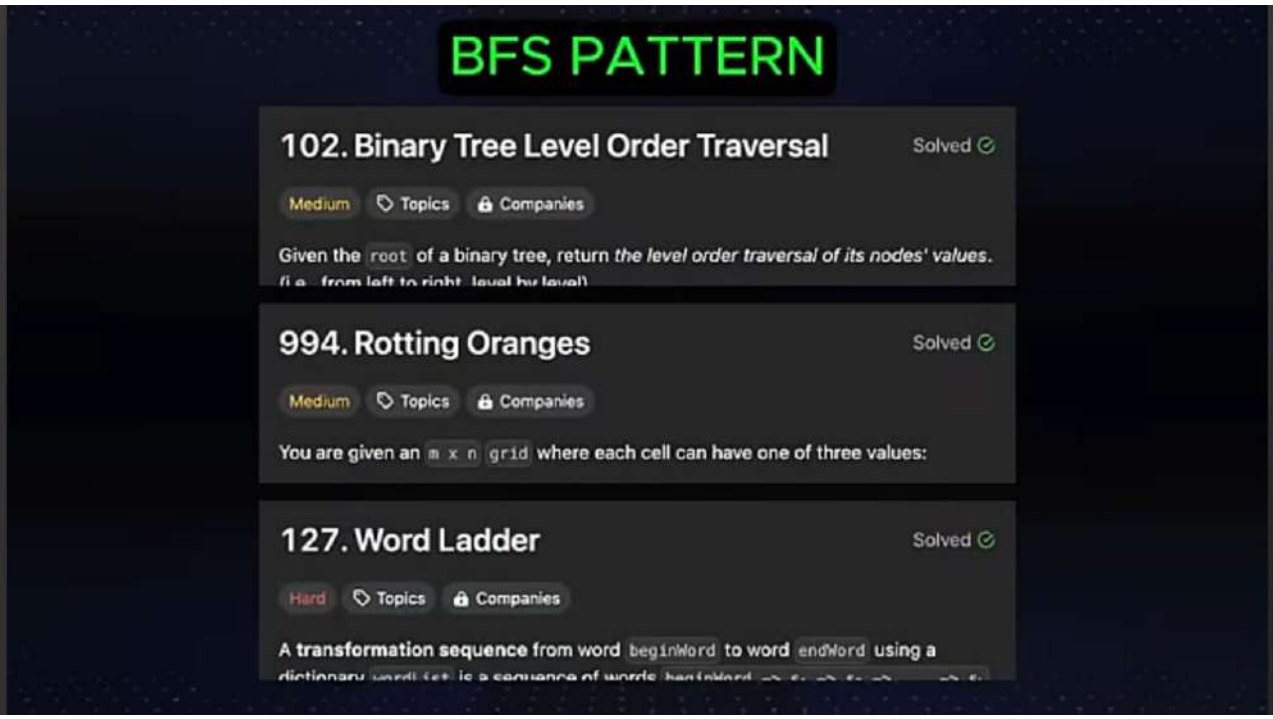
Given an integer array `nums` and an integer `k`, return *the* `k` *most frequent elements*. You may return the answer in **any order**.

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`.


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.
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**:

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

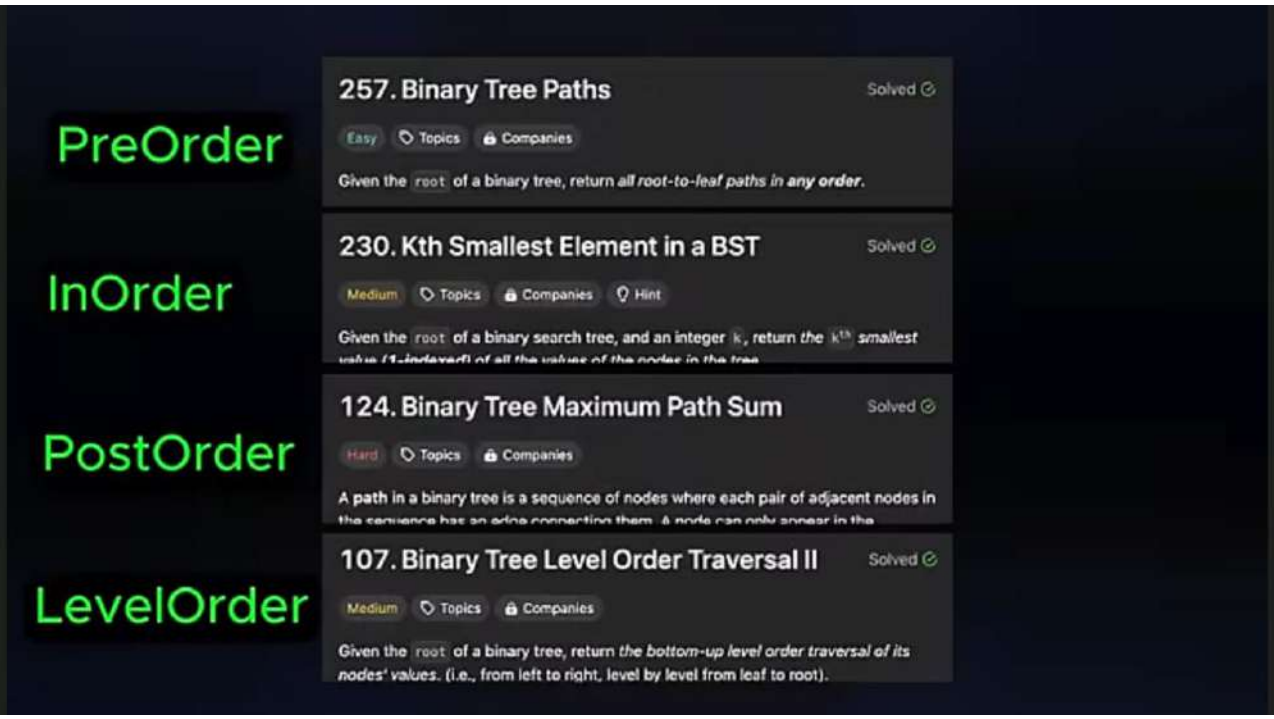
Given the `head` of a singly linked list and two integers `left` and `right` where `left <= right`, reverse the nodes of the list from position `left` to position `right`, and

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


PreOrder
257. Binary Tree Paths
Solved
Easy
Topics
Companies
Given the root of a binary tree, return all root-to-leaf paths in any order.
InOrder
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 kth smallest
PostOrder
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
LevelOrder
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).

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.

TWO POINTERS PATTERN

167. Two Sum II - Input Array Is Sorted

Solved

Medium | Topics | Companies

Given a **1-indexed** array of integers `numbers` that is already ***sorted in non-decreasing order***, find two numbers such that they add up to a specific `target`

15. 3Sum

Solved

Medium | Topics | Companies | Hint

Given an integer array nums, return all the triplets `[nums[i], nums[j], nums[k]]` such that `i != j`, `i != k`, and `j != k`, and `nums[i] + nums[j] + nums[k] == 0`

11. Container With Most Water

Solved

Medium | Topics | Companies | Hint

You are given an integer array `height` of length `n`. There are `n` vertical lines drawn such that the two endpoints of the `i`th line are `(i, 0)` and `(i, height[i])`

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.

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]`

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.

OVERLAPPING INTERVALS PATTERN

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

PREFIX SUM PATTERN

303. Range Sum Query - Immutable

Solved

Easy | Topics | Companies

Given an integer array `nums`, handle multiple queries of the following type:

525. Contiguous Array

Solved

Medium | Topics | Companies

Given a binary array `nums`, return *the maximum length of a contiguous subarray with an equal number of* `0` *and* `1`.

560. Subarray Sum Equals K

Solved

Medium | Topics | Companies | Hint

Given an array of integers `nums` and an integer `k`, return *the total number of subarrays whose sum equals to* `k`.

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

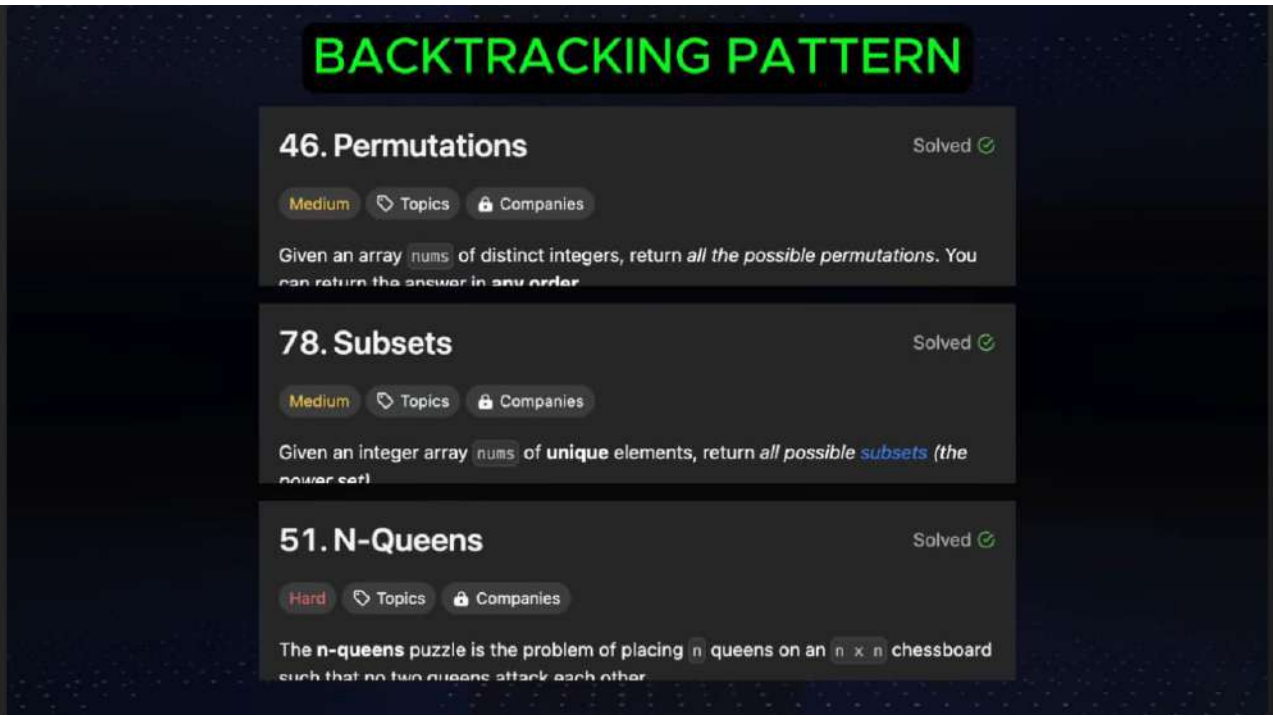
Medium | Topics | Companies | Hint

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


BACKTRACKING PATTERN
46. Permutations
Solved
Medium
Topics
Companies
Given an array nums of distinct integers, return all the possible permutations. You
78. Subsets
Solved
Medium
Topics
Companies
Given an integer array nums of unique elements, return all possible subsets (the
51. N-Queens
Solved
Hard
Topics
Companies
The n-queens puzzle is the problem of placing n queens on an n x n chessboard