

Data Structure

Data Structure I

- 0217. Contains Duplicate
- 0053. Maximum Subarray
- 0001. Two Sum
- 0088. Merge Sorted Array
- 0350. Intersection of Two Arrays II
- 0121. Best Time to Buy and Sell Stock
- 0566. Reshape the Matrix
- 0118. Pascal's Triangle
- 0036. Valid Sudoku
- 0074. Search a 2D Matrix
- 0387. First Unique Character in a String
- 0383. Ransom Note
- 0242. Valid Anagram
- 0141. Linked List Cycle
- 0021. Merge Two Sorted Lists
- 0203. Remove Linked List Elements
- 0206. Reverse Linked List
- 0083. Remove Duplicates from Sorted List
- 0020. Valid Parentheses
- 0232. Implement Queue using Stacks
- 0144. Binary Tree Preorder Traversal
- 0094. Binary Tree Inorder Traversal
- 0145. Binary Tree Postorder Traversal
- 0102. Binary Tree Level Order Traversal
- 0104. Maximum Depth of Binary Tree
- 0101. Symmetric Tree

- 0226. Invert Binary Tree
- 0112. Path Sum
- 0700. Search in a Binary Search Tree
- 0701. Insert into a Binary Search Tree
- 0098. Validate Binary Search Tree
- 0653. Two Sum IV - Input is a BST
- 0235. Lowest Common Ancestor of a Binary Search Tree

Data Structure II

- 0136. Single Number
- 0169. Majority Element
- 0015. 3Sum
- 0075. Sort Colors
- 0056. Merge Intervals
- 0706. Design HashMap
- 0119. Pascal's Triangle II
- 0048. Rotate Image
- 0059. Spiral Matrix II
- 0240. Search a 2D Matrix II
- 0435. Non-overlapping Intervals
- 0334. Increasing Triplet Subsequence
- 0238. Product of Array Except Self
- 0560. Subarray Sum Equals K
- 0415. Add Strings
- 0409. Longest Palindrome
- 0290. Word Pattern
- 0763. Partition Labels
- 0049. Group Anagrams
- 0043. Multiply Strings
- 0187. Repeated DNA Sequences
- 0005. Longest Palindromic Substring

- 0002. Add Two Numbers
- 0142. Linked List Cycle II
- 0160. Intersection of Two Linked Lists
- 0082. Remove Duplicates from Sorted List II
- 0024. Swap Nodes in Pairs
- 0707. Design Linked List
- 0025. Reverse Nodes in k-Group
- 0143. Reorder List
- 0155. Min Stack
- 1249. Minimum Remove to Make Valid Parentheses
- 1823. Find the Winner of the Circular Game
- 0108. Convert Sorted Array to Binary Search Tree
- 0105. Construct Binary Tree from Preorder and Inorder Traversal
- 0103. Binary Tree Zigzag Level Order Traversal
- 0199. Binary Tree Right Side View
- 0113. Path Sum II
- 0450. Delete Node in a BST
- 0230. Kth Smallest Element in a BST
- 0173. Binary Search Tree Iterator
- 0236. Lowest Common Ancestor of a Binary Tree
- 0297. Serialize and Deserialize Binary Tree
- 0997. Find the Town Judge
- 1557. Minimum Number of Vertices to Reach All Nodes
- 0841. Keys and Rooms
- 0215. Kth Largest Element in an Array
- 0347. Top K Frequent Elements
- 0451. Sort Characters By Frequency
- 0973. K Closest Points to Origin

Data Structure III

- 0325. Maximum Size Subarray Sum Equals k

- 1151. Minimum Swaps to Group All 1's Together
- 1588. Sum of All Odd Length Subarrays
- 0452. Minimum Number of Arrows to Burst Balloons
- 0128. Longest Consecutive Sequence
- 0454. 4Sum II
- 0448. Find All Numbers Disappeared in an Array
- 1427. Perform String Shifts
- 0409. Longest Palindrome
- 0187. Repeated DNA Sequences
- 0005. Longest Palindromic Substring
- 0044. Wildcard Matching
- 0214. Shortest Palindrome
- 1634. Add Two Polynomials Represented as Linked Lists
- 0369. Plus One Linked List
- 0148. Sort List
- 0138. Copy List with Random Pointer
- 0430. Flatten a Multilevel Doubly Linked List
- 0281. Zigzag Iterator
- 0394. Decode String
- 0739. Daily Temperatures
- 0042. Trapping Rain Water
- 0402. Remove K Digits
- 0456. 132 Pattern
- 0084. Largest Rectangle in Histogram
- 0862. Shortest Subarray with Sum at Least K
- 1602. Find Nearest Right Node in Binary Tree
- 1469. Find All The Lonely Nodes
- 1522. Diameter of N-Ary Tree
- 0337. House Robber III

- 1325. Delete Leaves With a Given Value
- 0366. Find Leaves of Binary Tree
- 0124. Binary Tree Maximum Path Sum
- 0968. Binary Tree Cameras
- 0886. Possible Bipartition
- 0787. Cheapest Flights Within K Stops
- 0261. Graph Valid Tree
- 0547. Number of Provinces
- 0990. Satisfiability of Equality Equations
- 1319. Number of Operations to Make Network Connected
- 0305. Number of Islands II
- 1579. Remove Max Number of Edges to Keep Graph Fully Traversable
- 0323. Number of Connected Components in an Undirected Graph
- 1101. The Earliest Moment When Everyone Become Friends
- 0253. Meeting Rooms II
- 0023. Merge k Sorted Lists
- 0378. Kth Smallest Element in a Sorted Matrix
- 0295. Find Median from Data Stream
- 0358. Rearrange String k Distance Apart
- 0759. Employee Free Time
- 0218. The Skyline Problem
- 1756. Design Most Recently Used Queue
- 0729. My Calendar I
- 1606. Find Servers That Handled Most Number of Requests
- 0208. Implement Trie (Prefix Tree)
- 0211. Design Add and Search Words Data Structure
- 1858. Longest Word With All Prefixes
- 0212. Word Search II
- 0336. Palindrome Pairs

- 0642. Design Search Autocomplete System

Algorithm

Algorithm I

- 0704. Binary Search
- 0278. First Bad Version
- 0035. Search Insert Position
- 0977. Squares of a Sorted Array
- 0189. Rotate Array
- 0283. Move Zeros
- 0167. Two Sum II - Input Array Is Sorted
- 0344. Reverse String
- 0557. Reverse Words in a String III
- 0876. Middle of the Linked List
- 0019. Remove Nth Node From End of List
- 0003. Longest Substring Without Repeating Characters
- 0567. Permutation in String
- 0733. Flood Fill
- 0695. Max Area of Island
- 0617. Merge Two Binary Trees
- 0116. Populating Next Right Pointers in Each Node
- 0542. 01 Matrix
- 0994. Rotting Oranges
- 0021. Merge Two Sorted Lists
- 0206. Reverse Linked List
- 0077. Combinations
- 0046. Permutations
- 0784. Letter Case Permutation
- 0070. Climbing Stairs
- 0198. House Robber

- 0120. Triangle
- 0231. Power of Two
- 0191. Number of 1 Bits
- 0190. Reverse Bits
- 0136. Single Number

Algorithm II

- 0034. Find First and Last Position of Element in Sorted Array
- 0033. Search in Rotated Sorted Array
- 0074. Search a 2D Matrix
- 0153. Find Minimum in Rotated Sorted Array
- 0162. Find Peak Element
- 0082. Remove Duplicates from Sorted List II
- 0015. 3Sum
- 0844. Backspace String Compare
- 0986. Interval List Intersections
- 0011. Container With Most Water
- 0438. Find All Anagrams in a String
- 0713. Subarray Product Less Than K
- 0209. Minimum Size Subarray Sum
- 0200. Number of Islands
- 0547. Number of Provinces
- 0117. Populating Next Right Pointers in Each Node II
- 0572. Subtree of Another Tree
- 1091. Shortest Path in Binary Matrix
- 0130. Surrounded Regions
- 0797. All Paths From Source to Target
- 0078. Subsets
- 0090. Subsets II
- 0047. Permutations II
- 0039. Combination Sum

- 0040. Combination Sum II
- 0017. Letter Combinations of a Phone Number
- 0022. Generate Parentheses
- 0079. Word Search
- 0213. House Robber II
- 0055. Jump Game
- 0045. Jump Game II
- 0062. Unique Paths
- 0005. Longest Palindromic Substring
- 0413. Arithmetic Slices
- 0091. Decode Ways
- 0139. Word Break
- 0300. Longest Increasing Subsequence
- 0673. Number of Longest Increasing Subsequence
- 1143. Longest Common Subsequence
- 0583. Delete Operation for Two Strings
- 0072. Edit Distance
- 0322. Coin Change
- 0343. Integer Break
- 0201. Bitwise AND of Numbers Range
- 0384. Shuffle an Array
- 0202. Happy Number
- 0149. Max Points on a Line

Algorithm III

- 1060. Missing Element in Sorted Array
- 1901. Find a Peak Element II
- 1231. Divide Chocolate
- 1182. Shortest Distance to Target Color
- 1229. Meeting Scheduler
- 0287. Find the Duplicate Number

- 0042. Trapping Rain Water
- 1868. Product of Two Run-Length Encoded Arrays
- 0159. Longest Substring with At Most Two Distinct Characters
- 0340. Longest Substring with At Most K Distinct Characters
- 1004. Max Consecutive Ones III
- 0239. Sliding Window Maximum
- 0076. Minimum Window Substring
- 0286. Walls and Gates
- 0417. Pacific Atlantic Water Flow
- 1469. Find All The Lonely Nodes
- 0582. Kill Process
- 0863. All Nodes Distance K in Binary Tree
- 0752. Open the Lock
- 1319. Number of Operations to Make Network Connected
- 1368. Minimum Cost to Make at Least One Valid Path in a Grid
- 1192. Critical Connections in a Network
- 0254. Factor Combinations
- 0394. Decode String
- 0051. N-Queens
- 0037. Sudoku Solver
- 0010. Regular Expression Matching
- 0241. Different Ways to Add Parentheses
- 0301. Remove Invalid Parentheses
- 0489. Robot Room Cleaner
- 0053. Maximum Subarray
- 0004. Median of Two Sorted Arrays
- 0315. Count of Smaller Numbers After Self
- 0309. Best Time to Buy and Sell Stock with Cooldown
- 0714. Best Time to Buy and Sell Stock with Transaction Fee

- 0410. Split Array Largest Sum
- 0337. House Robber III
- 0221. Maximal Square
- 0085. Maximal Rectangle
- 0486. Predict the Winner
- 0131. Palindrome Partitioning
- 0132. Palindrome Partitioning II
- 0416. Partition Equal Subset Sum
- 0983. Minimum Cost For Tickets
- 0123. Best Time to Buy and Sell Stock III
- 0174. Dungeon Game
- 0207. Course Schedule
- 0210. Course Schedule II
- 0310. Minimum Height Trees
- 0329. Longest Increasing Path in a Matrix
- 1136. Parallel Courses
- 0269. Alien Dictionary
- 0260. Single Number III
- 0864. Shortest Path to Get All Keys
- 0995. Minimum Number of K Consecutive Bit Flips
- 1396. Design Underground System
- 0146. LRU Cache
- 0981. Time Based Key-Value Store
- 0715. Range Module
- 0460. LFU Cache

Graph Theory

Graph Theory I

- 0733. Flood Fill
- 0200. Number of Islands

- 0695. Max Area of Island
- 1254. Number of Closed Islands
- 1020. Number of Enclaves
- 1905. Count Sub Islands
- 1162. As Far from Land as Possible
- 0417. Pacific Atlantic Water Flow
- 1091. Shortest Path in Binary Matrix
- 0542. 01 Matrix
- 0934. Shortest Bridge
- 1926. Nearest Exit from Entrance in Maze
- 0797. All Paths From Source to Target
- 0841. Keys and Rooms
- 0547. Number of Provinces
- 1319. Number of Operations to Make Network Connected
- 1376. Time Needed to Inform All Employees
- 0802. Find Eventual Safe States
- 1129. Shortest Path with Alternating Colors
- 1466. Reorder Routes to Make All Paths Lead to the City Zero
- 0847. Shortest Path Visiting All Nodes
- 1306. Jump Game III
- 1654. Minimum Jumps to Reach Home
- 0365. Water and Jug Problem
- 0433. Minimum Genetic Mutation
- 0752. Open the Lock
- 0127. Word Ladder
- 0997. Find the Town Judge
- 1557. Minimum Number of Vertices to Reach All Nodes
- 1615. Maximal Network Rank
- 0886. Possible Bipartition

- 0785. Is Graph Bipartite?

Graph Theory II

- 0261. Graph Valid Tree
- 0684. Redundant Connection
- 0685. Redundant Connection II
- 1579. Remove Max Number of Edges to Keep Graph Fully Traversable
- 1101. The Earliest Moment When Everyone Become Friends
- 0990. Satisfiability of Equality Equations
- 1061. Lexicographically Smallest Equivalent String
- 0737. Sentence Similarity II
- 1258. Synonymous Sentences
- 1202. Smallest String With Swaps
- 0721. Accounts Merge
- 0839. Similar String Groups
- 0305. Number of Islands II
- 0924. Minimize Malware Spread
- 0928. Minimize Malware Spread II
- 1627. Graph Connectivity With Threshold
- 1697. Checking Existence of Edge Length Limited Paths
- 0352. Data Stream as Disjoint Intervals
- 0207. Course Schedule
- 0210. Course Schedule II
- 0310. Minimum Height Trees
- 1136. Parallel Courses
- 0269. Alien Dictionary
- 1857. Largest Color Value in a Directed Graph
- 1591. Strange Printer II
- 1203. Sort Items by Groups Respecting Dependencies
- 1135. Connecting Cities With Minimum Cost
- 1584. Min Cost to Connect All Points

- 1168. Optimize Water Distribution in a Village
- 0778. Swim in Rising Water
- 1489. Find Critical and Pseudo-Critical Edges in Minimum Spanning Tree
- 0787. Cheapest Flights Within K Stops
- 1631. Path With Minimum Effort
- 1514. Path with Maximum Probability
- 1928. Minimum Cost to Reach Destination in Time
- 1368. Minimum Cost to Make at Least One Valid Path in a Grid
- 0743. Network Delay Time
- 0505. The Maze II
- 0499. The Maze III
- 1334. Find the City With the Smallest Number of Neighbors at a Threshold Distance
- 1462. Course Schedule IV
- 1786. Number of Restricted Paths From First to Last Node
- 0323. Number of Connected Components in an Undirected Graph
- 0490. The Maze
- 0317. Shortest Distance from All Buildings
- 1263. Minimum Moves to Move a Box to Their Target Location
- 1345. Jump Game IV
- 0864. Shortest Path to Get All Keys
- 0913. Cat and Mouse
- 0694. Number of Distinct Islands
- 0834. Sum of Distances in Tree
- 1494. Parallel Courses II
- 1192. Critical Connections in a Network

Dynamic Programming

Dynamic Programming I

- 0509. Fibonacci Number
- 1137. N-th Tribonacci Number

- 0070. Climbing Stairs
- 0746. Min Cost Climbing Stairs
- 0198. House Robber
- 0213. House Robber II
- 0740. Delete and Earn
- 0055. Jump Game
- 0045. Jump Game II
- 0053. Maximum Subarray
- 0918. Maximum Sum Circular Subarray
- 0152. Maximum Product Subarray
- 1567. Maximum Length of Subarray With Positive Product
- 1014. Best Sightseeing Pair
- 0121. Best Time to Buy and Sell Stock
- 0122. Best Time to Buy and Sell Stock II
- 0309. Best Time to Buy and Sell Stock with Cooldown
- 0714. Best Time to Buy and Sell Stock with Transaction Fee
- 0139. Word Break
- 0042. Trapping Rain Water
- 0413. Arithmetic Slices
- 0091. Decode Ways
- 0264. Ugly Number II
- 0096. Unique Binary Search Trees
- 0118. Pascal's Triangle
- 0119. Pascal's Triangle II
- 0931. Minimum Falling Path Sum
- 0120. Triangle
- 1314. Matrix Block Sum
- 0304. Range Sum Query 2D - Immutable
- 0062. Unique Paths

- 0063. Unique Paths II
- 0064. Minimum Path Sum
- 0221. Maximal Square
- 0005. Longest Palindromic Substring
- 0516. Longest Palindromic Subsequence
- 0300. Longest Increasing Subsequence
- 0376. Wiggle Subsequence
- 0392. Is Subsequence
- 1143. Longest Common Subsequence
- 0072. Edit Distance
- 0322. Coin Change
- 0518. Coin Change 2
- 0377. Combination Sum IV
- 0343. Integer Break
- 0279. Perfect Squares

Dynamic Programming II

- 0509. Fibonacci Number
- 0070. Climbing Stairs
- 0746. Min Cost Climbing Stairs
- 0053. Maximum Subarray
- 0198. House Robber
- 0213. House Robber II
- 0256. Paint House
- 0265. Paint House II
- 0121. Best Time to Buy and Sell Stock
- 0714. Best Time to Buy and Sell Stock with Transaction Fee
- 0309. Best Time to Buy and Sell Stock with Cooldown
- 0152. Maximum Product Subarray
- 0487. Max Consecutive Ones II
- 0376. Wiggle Subsequence

- 1746. Maximum Subarray Sum After One Operation
- 1230. Toss Strange Coins
- 1143. Longest Common Subsequence
- 1035. Uncrossed Lines
- 0712. Minimum ASCII Delete Sum for Two Strings
- 0300. Longest Increasing Subsequence
- 0673. Number of Longest Increasing Subsequence
- 1048. Longest String Chain
- 0646. Maximum Length of Pair Chain
- 0368. Largest Divisible Subset
- 0647. Palindromic Substrings
- 0005. Longest Palindromic Substring
- 1055. Shortest Way to Form String
- 0516. Longest Palindromic Subsequence
- 0064. Minimum Path Sum
- 0562. Longest Line of Consecutive One in Matrix
- 1182. Shortest Distance to Target Color
- 0343. Integer Break
- 0238. Product of Array Except Self
- 0139. Word Break
- 0254. Factor Combinations
- 0329. Longest Increasing Path in a Matrix
- 0062. Unique Paths
- 0063. Unique Paths II
- 0576. Out of Boundary Paths
- 0650. 2 Keys Keyboard
- 0361. Bomb Enemy
- 0096. Unique Binary Search Trees
- 1130. Minimum Cost Tree From Leaf Values

- 0322. Coin Change
- 0518. Coin Change 2
- 0039. Combination Sum
- 0279. Perfect Squares
- 0416. Partition Equal Subset Sum
- 0494. Target Sum

Dynamic Programming III

- 1884. Egg Drop With 2 Eggs and N Floors
- 0887. Super Egg Drop
- 0123. Best Time to Buy and Sell Stock III
- 0188. Best Time to Buy and Sell Stock IV
- 1751. Maximum Number of Events That Can Be Attended II
- 1235. Maximum Profit in Job Scheduling
- 1259. Handshakes That Don't Cross
- 1478. Allocate Mailboxes
- 0115. Distinct Subsequences
- 0435. Non-overlapping Intervals
- 0452. Minimum Number of Arrows to Burst Balloons
- 0072. Edit Distance
- 1682. Longest Palindromic Subsequence II
- 1062. Longest Repeating Substring
- 1092. Shortest Common Supersequence
- 0010. Regular Expression Matching
- 1216. Valid Palindrome III
- 0727. Minimum Window Subsequence
- 0741. Cherry Pickup
- 1463. Cherry Pickup II
- 0140. Word Break II
- 0351. Android Unlock Patterns
- 0688. Knight Probability in Chessboard

- 0750. Number Of Corner Rectangles
- 0651. 4 Keys Keyboard
- 0634. Find the Derangement of An Array
- 1692. Count Ways to Distribute Candies
- 0418. Sentence Screen Fitting
- 0312. Burst Balloons
- 1246. Palindrome Removal
- 0040. Combination Sum II
- 0983. Minimum Cost For Tickets
- 1049. Last Stone Weight II
- 0879. Profitable Schemes
- 0486. Predict the Winner
- 1406. Stone Game III
- 1510. Stone Game IV
- 0464. Can I Win
- 1140. Stone Game II
- 0698. Partition to K Equal Sum Subsets
- 1066. Campus Bikes II
- 1434. Number of Ways to Wear Different Hats to Each Other
- 0902. Numbers At Most N Given Digit Set
- 0600. Non-negative Integers without Consecutive Ones
- 1067. Digit Count in Range
- 0298. Binary Tree Longest Consecutive Sequence
- 0549. Binary Tree Longest Consecutive Sequence II
- 0333. Largest BST Subtree
- 1273. Delete Tree Nodes
- 0568. Maximum Vacation Days

Dynamic Programming IV

- 0123. Best Time to Buy and Sell Stock III
- 0188. Best Time to Buy and Sell Stock IV

- 1751. Maximum Number of Events That Can Be Attended II
- 1235. Maximum Profit in Job Scheduling
- 1259. Handshakes That Don't Cross
- 1478. Allocate Mailboxes
- 0032. Longest Valid Parentheses
- 1105. Filling Bookcase Shelves
- 1277. Count Square Submatrices with All Ones
- 0361. Bomb Enemy
- 1155. Number of Dice Rolls With Target Sum
- 1269. Number of Ways to Stay in the Same Place After Some Steps
- 1575. Count All Possible Routes
- 1639. Number of Ways to Form a Target String Given a Dictionary
- 0940. Distinct Subsequences II
- 1866. Number of Ways to Rearrange Sticks With K Sticks Visible
- 1420. Build Array Where You Can Find The Maximum Exactly K Comparisons
- 0688. Knight Probability in Chessboard
- 0837. New 21 Game
- 1547. Minimum Cost to Cut a Stick
- 1312. Minimum Insertion Steps to Make a String Palindrome
- 1278. Palindrome Partitioning III
- 1000. Minimum Cost to Merge Stones
- 0664. Strange Printer
- 0546. Remove Boxes
- 0294. Flip Game II
- 1406. Stone Game III
- 1510. Stone Game IV
- 1140. Stone Game II
- 0526. Beautiful Arrangement
- 1879. Minimum XOR Sum of Two Arrays

- 0980. Unique Paths III
- 0847. Shortest Path Visiting All Nodes
- 1125. Smallest Sufficient Team
- 0691. Stickers to Spell Word
- 1655. Distribute Repeating Integers
- 1349. Maximum Students Taking Exam
- 1434. Number of Ways to Wear Different Hats to Each Other
- 1799. Maximize Score After N Operations
- 1815. Maximum Number of Groups Getting Fresh Donuts
- 1012. Numbers With Repeated Digits
- 1067. Digit Count in Range
- 0865. Smallest Subtree with all the Deepest Nodes
- 1372. Longest ZigZag Path in a Binary Tree
- 0894. All Possible Full Binary Trees
- 0337. House Robber III
- 0124. Binary Tree Maximum Path Sum
- 1130. Minimum Cost Tree From Leaf Values
- 0968. Binary Tree Cameras
- 1483. Kth Ancestor of a Tree Node
- 1425. Constrained Subsequence Sum
- 0446. Arithmetic Slices II - Subsequence
- 0975. Odd Even Jump
- 1687. Delivering Boxes from Storage to Ports
- 1055. Shortest Way to Form String
- 0174. Dungeon Game
- 0514. Freedom Trail
- 1473. Paint House III
- 0471. Encode String with Shortest Length
- 1240. Tiling a Rectangle with the Fewest Squares

