Total: 519 道题目

基本逻辑 Coding(17)

Plan 1

Island Perimeter - medium
Summary Ranges - easy
Missing Ranges - medium
Excel Sheet Column Number - easy
Excel Sheet Column Title - easy

Plan 2

Next Permutation - medium
Next Greater Element III - medium
Permutation Sequence - medium
Maximum Swap - medium
Valid Sudoku - medium
Game of Life - medium
Bulls and Cows - medium
Find the Closest Palindrome - hard

Plan 3

Strobogrammatic Number - medium
Strobogrammatic Number II - medium
Strobogrammatic Number III - hard
Maximum Distance in Arrays - easy

Binary Search(22)

Plan 1 - 基本操作

Find Smallest Letter Greater Than Target - easy
Search Insert Position - medium
First Bad Version - easy
Search for a Range - medium
Find Minimum in Rotated Sorted Array - medium
Find Minimum in Rotated Sorted Array II - medium

Search in Rotated Sorted Array - medium
Search in Rotated Sorted Array II - medium

Plan 2

Single Element in a Sorted Array - medium
Find Peak Element - medium
Find Right Interval - medium
H-Index II - medium
Sort Transformed Array - medium

Search a 2D Matrix - medium
Search a 2D Matrix II - medium

Plan 3

Divide Two Integers - medium
Sqrt(x) - medium

Median of Two Sorted Arrays - hard
Find K Closest Elements - hard

Smallest Rectangle Enclosing Black Pixels - medium
Count Complete Tree Nodes - medium
Find the Duplicate Number - hard

Array(42)

Plan 0 - coding

Toeplitz Matrix - easy
Diagonal Traverse - medium
Rotate Image - medium
Spiral Matrix - medium
Spiral Matrix II - medium

Plan 1 - two pointers

Two Sum - easy
Two Sum II - Input array is sorted - easy
3Sum - medium
3Sum Closest - medium
3Sum Smaller - medium
4Sum - medium
4Sum II - hard

Valid Triangle Number - medium
K-diff Pairs in an Array - easy

Plan 2 - partition

Rotate Array - easy - 基本操作

Move Zeroes - easy
Sort Colors - medium
Remove Element - easy
Remove Duplicates from Sorted Array - easy
Remove Duplicates from Sorted Array II - medium

Plan 3 - 谁小移谁

Merge Sorted Array - easy - 基本操作

Intersection of Two Arrays - easy
Intersection of Two Arrays II - easy

Plan 4 - 中心开花

Product of Array Except Self - easy
Trapping Rain Water - medium
Increasing Triplet Subsequence - easy
132 Pattern - medium

Plan 5 - prefix sum

Range Sum Query - Immutable - easy
Range Sum Query 2D - Immutable - medium
Subarray Sum Equals K - medium
Maximum Size Subarray Sum Equals k - medium
Minimum Size Subarray Sum - hard - two pointers
Contiguous Array - medium
Continuous Subarray Sum - medium
Split Array with Equal Sum - medium

Plan 6

Wiggle Sort - medium
Wiggle Sort II - hard
Pascal's Triangle - easy
Pascal's Triangle II - medium
H-Index - medium
First Missing Positive - hard

Max Chunks To Make Sorted II - medium

Linked List - Coding(25)

Plan 1 - reverse

Reverse Linked List - easy - 基本 recursion，iterative 遍历

Swap Nodes in Pairs - easy - 基本 recursion，iterative 遍历

Reverse Linked List II - hard

Binary Tree Upside Down - medium - reverse 扩展

Reverse Nodes in k-Group - medium - reverse 扩展

Plan 2 - removal

Remove Linked List Elements - easy - 基本 coding，removal

Delete Node in a Linked List - medium - 基本 coding，removal

Remove Nth Node From End of List - easy - 快慢指针

Remove Duplicates from Sorted List - easy - 快慢指针

Remove Duplicates from Sorted List II - medium - 快慢指针

Plan 3 - 其它基本操作

Rotate List - easy
Partition List - medium
Merge Two Sorted Lists - easy
Intersection of Two Linked Lists - medium

Plan 4 - 综合练习

Add Two Numbers - easy
Add Two Numbers II - medium
Plus One Linked List - medium

Linked List Cycle - easy - 快慢指针

Linked List Cycle II - medium

Plan 5 - 综合练习

Palindrome Linked List - medium - 综合基本操作

Odd Even Linked List - medium
Reorder List - medium

Insertion Sort List - medium
Sort List - medium
Copy List with Random Pointer - medium

HashMap(8)

Plan 1

Palindrome Permutation - easy
Longest Palindrome - easy
First Unique Character in a String - medium
Unique Word Abbreviation - medium
Happy Number - easy
Fraction to Recurring Decimal - medium
Sentence Screen Fitting - medium - dp
Group Shifted Strings - medium

String(50)

Plan 1

Roman to Integer - easy
Integer to Roman - easy
String to Integer (atoi) - medium
Integer to English Words - hard
Valid Number - medium
Convert a Number to Hexadecimal - easy

Plan 2

Add Binary - easy
Plus One - easy
Add Strings - easy
Multiply Strings - medium
Compare Version Numbers - medium

Plan 3

Reverse String - easy
Reverse Vowels of a String - easy
Reverse Words in a String - medium
Reverse Words in a String II - medium
Reverse Words in a String III - easy
Reverse String II - easy

Plan 4

Valid Anagram - easy
Group Anagrams - medium

Valid Palindrome - easy
Valid Palindrome II - medium

Implement strStr() - easy
Is Subsequence - medium
Repeated String Match - medium
Longest Common Prefix - easy
Repeated Substring Pattern - easy

Plan 5

Valid Word Square - easy
Valid Word Abbreviation - easy
Isomorphic Strings - easy
Word Pattern - easy

String Compression - easy
Decode String - medium
Encode and Decode Strings - medium

Text Justification - hard

Plan 6

Sort Characters By Frequency - medium
Custom Sort String - medium

One Edit Distance - medium
License Key Formatting - medium
Shortest Completing Word - medium
Number of Matching Subsequences - medium
Longest Word in Dictionary through Deleting - medium

Word Abbreviation - hard

Plan 7

Valid Parentheses - easy
Longest Valid Parentheses - medium
Remove Invalid Parentheses - hard
Simplify Path - medium

Bold Words in String - easy
Add Bold Tag in String - medium
Remove Comments - medium
Palindrome Pairs - hard

Sliding Window(22)

Plan 0

Moving Average from Data Stream - easy
Maximum Average Subarray I - easy
Sliding Window Median - hard
Find Median from Data Stream - hard
Sliding Window Maximum - hard
Image Smoother - easy
Design Hit Counter - medium

Plan 1 - fixed

Find All Anagrams in a String - medium
Permutation in String - medium
Repeated DNA Sequences - medium
Contains Duplicate - easy
Contains Duplicate II - medium
Contains Duplicate III - hard

Plan 2 - Non-fixed

Shortest Word Distance - easy
Shortest Word Distance II - medium
Longest Substring Without Repeating Characters - medium
Minimum Window Substring - hard
Longest Substring with At Most Two Distinct Characters - medium
Longest Substring with At Most K Distinct Characters - hard

Plan 3 - Advanced

Max Consecutive Ones II - medium
Split Array into Consecutive Subsequences - medium
K Empty Slots - hard

Tree(60)

Plan 1 - 基本遍历

Binary Tree Preorder Traversal - medium
Binary Tree Inorder Traversal - medium
Binary Tree Postorder Traversal - hard

Plan 2 - 基本 recursion

Maximum Depth of Binary Tree - easy
Minimum Depth of Binary Tree - easy
Invert Binary Tree - easy
Same Tree - easy
Symmetric Tree - easy
Merge Two Binary Trees - easy

Plan 3 - 基本 DFS backtracking

Path Sum - easy
Binary Tree Paths - easy
Path Sum II - medium
Path Sum III - medium
Sum Root to Leaf Numbers - medium

Plan 4 - Recursion

Diameter of Binary Tree - medium
Binary Tree Maximum Path Sum - hard
Count Univalue Subtrees - medium
Equal Tree Partition - medium
Binary Tree Tilt - medium
Most Frequent Subtree Sum - medium
Closest Leaf in a Binary Tree - medium

Plan 5 - Recursion

Balanced Binary Tree - medium

Lowest Common Ancestor of a Binary Tree - medium
Validate Binary Search Tree - medium
Largest BST Subtree - medium
Subtree of Another Tree - medium
Find Duplicate Subtrees - medium
Find Leaves of Binary Tree - medium

Plan 6 - BFS

Binary Tree Level Order Traversal - easy
Binary Tree Level Order Traversal II - easy
Binary Tree Zigzag Level Order Traversal - medium
Find Bottom Left Tree Value - medium
Find Leaves of Binary Tree - medium
Average of Levels in Binary Tree - easy
Find Largest Value in Each Tree Row - medium
Maximum Width of Binary Tree - medium

Plan 7 - 综合遍历

Sum of Left Leaves - easy
Binary Tree Right Side View - medium
Binary Tree Vertical Order Traversal - hard
Boundary of Binary Tree - medium
Find Bottom Left Tree Value - medium
Populating Next Right Pointers in Each Node - medium
Populating Next Right Pointers in Each Node II - medium
Second Minimum Node In a Binary Tree - medium

Plan 8 - 综合练习 Backtracking/Recursion

Longest Univalue Path - medium
Binary Tree Longest Consecutive Sequence - medium
Binary Tree Longest Consecutive Sequence II - medium
Nested List Weight Sum - medium
Nested List Weight Sum II - medium

Plan 9 - Ser/Deser

Flatten Binary Tree to Linked List - medium
Construct String from Binary Tree - easy
Construct Binary Tree from Preorder and Inorder Traversal - medium
Construct Binary Tree from Inorder and Postorder Traversal - medium

Construct Binary Tree from String - medium
Verify Preorder Serialization of a Binary Tree - medium
Serialize and Deserialize Binary Tree - hard
Ternary Expression Parser - medium
Maximum Binary Tree - hard

Plan 10 - Set up trees

Kill Process - medium
Employee Importance - medium

Binary Search Tree(17)

Plan 1 - 基本遍历+基本操作

Find Mode in Binary Search Tree - medium
Inorder Successor in BST - medium
Kth Smallest Element in a BST - medium
Closest Binary Search Tree Value - medium
Closest Binary Search Tree Value II - hard
Recover Binary Search Tree - medium
Two Sum IV - Input is a BST - medium
Delete Node in a BST - medium

Plan 2 - 基本操作/Recursion

Lowest Common Ancestor of a Binary Search Tree - medium
Minimum Distance Between BST Nodes - medium
Trim a Binary Search Tree - medium
Convert BST to Greater Tree - medium
Split BST - medium

Plan 3 - Ser/Deser

Convert Sorted Array to Binary Search Tree - medium
Convert Sorted List to Binary Search Tree - hard
Serialize and Deserialize BST - medium
Verify Preorder Sequence in Binary Search Tree - hard

PriorityQueue(5)

Plan 1

Merge k Sorted Lists - medium
Smallest Range - hard

Kth Largest Element in an Array - medium
Top K Frequent Elements - medium
Top K Frequent Words - medium

Recursion - Memorization - DP(6)

Plan 1

Pow(x, n) - easy
Nim Game - medium
Can I Win - medium
Longest Increasing Path in a Matrix - hard
Number of Atoms - medium
Flip Game II - hard

Mono Stack/Deque(6)

Plan 1

Daily Temperatures - medium
Next Greater Element I - medium
Next Greater Element II - medium
Sliding Window Maximum - hard
Largest Rectangle in Histogram - hard
Remove K Digits - medium

Trie(8)

Plan 1

Implement Trie (Prefix Tree) - medium - 基本实现

Add and Search Word - Data structure design - medium
Design Search Autocomplete System - hard

Replace Words - medium - 应用

Maximum XOR of Two Numbers in an Array - medium
Prefix and Suffix Search - hard
Implement Magic Dictionary - hard
Longest Word in Dictionary - medium

Hybrid Data Structure(13)

Plan 1

Implement Queue using Stacks - medium
Implement Stack using Queues - medium
Min Stack - medium
Max Stack - hard - treemap/treeset

Plan 2

First Unique Character in a String - medium
LRU Cache - hard - doubly linked list + hashmap
LFU Cache - hard

Logger Rate Limiter - medium - sliding window
Find Median from Data Stream - hard - sliding window
All O`one Data Structure - hard

Insert Delete GetRandom O(1) - medium - randomness
Insert Delete GetRandom O(1) - Duplicates allowed - hard

Shortest Word Distance III - medium - invert index

DFS Backtracking(34)

Plan 1 - 基本类型

Subsets - medium
Subsets II - medium
Permutations - medium
Permutations II - medium
Generate Parentheses - medium
N-Queens - medium

Plan 2

Combinations - medium

Combination Sum - medium
Combination Sum II - medium
Combination Sum III - medium

Plan 3

Letter Case Permutation - easy
Palindrome Permutation II - hard
Binary Watch - medium
Letter Combinations of a Phone Number - medium
Restore IP Addresses - medium
Unique Morse Code Words - medium
Word Pattern II - medium
Generalized Abbreviation - medium
Minimum Unique Word Abbreviation - hard

Plan 4

Largest Divisible Subset - medium
Increasing Subsequences - medium
Non-negative Integers without Consecutive Ones - medium
Factor Combinations - medium
Word Search - medium
Word Search II - hard
All Paths From Source to Target - medium

Plan 5

Word Squares - medium
Different Ways to Add Parentheses - medium
Expression Add Operators - hard
24 Game - medium
Sudoku Solver - hard
Android Unlock Patterns - hard
Bulb Switcher - hard
Partition to K Equal Sum Subsets - hard

Graph Traversal - DFS, BFS(21)

Plan 1

Flood Fill - easy
Number of Connected Components in an Undirected Graph - medium
Number of Islands - medium
Max Area of Island - medium

Friend Circles - medium
Clone Graph - medium

Plan 2

Surrounded Regions - medium
Evaluate Division - medium
Is Graph Bipartite - medium
Pacific Atlantic Water Flow - medium
Find Eventual Safe States - medium
Accounts Merge - medium

Plan 3 - 图论

Graph Valid Tree - medium
Redundant Connection - medium
Redundant Connection II - hard
Number of Distinct Islands - medium
Number of Distinct Islands II - hard

Plan 4

Find the Celebrity - medium - greedy
Reconstruct Itinerary - medium - euclidian
Minimum Height Trees - medium - topological order, tree recursion
Optimal Account Balancing - hard

Breadth First Search(7)

Plan 1

Word Ladder - medium
Word Ladder II - hard
Shortest Distance from All Buildings - hard
01 Matrix - hard
Walls and Gates - hard

Remove Invalid Parentheses - hard
Cheapest Flights Within K Stops - hard

Best First Search(11)

Plan 1

Kth Smallest Element in a Sorted Matrix - medium
Kth Smallest Number in Multiplication Table - medium
Ugly Number II - medium
Super Ugly Number - medium
Find K Pairs with Smallest Sums - medium
Swim in Rising Water - medium
Trapping Rain Water II - hard

Plan 2

The Maze - medium
The Maze II - hard
The Maze III - hard
Maximum Product of Word Lengths - hard

Topological Order(4)

Plan 1

Course Schedule - medium
Course Schedule II - medium
Alien Dictionary - hard
Sequence Reconstruction - medium

Union Find(5)

Plan 1

Sentence Similarity - easy
Sentence Similarity II - medium
Number of Islands II - hard
Longest Consecutive Sequence - medium
Accounts Merge - medium

DP(53)

Plan 1

Integer Break - medium

Climbing Stairs - easy
Maximum Subarray - easy
Max Consecutive Ones - easy
House Robber - easy
Jump Game - medium
Jump Game II - medium
Triangle - medium

Plan 2

Longest Continuous Increasing Subsequence - medium
Longest Increasing Subsequence - medium
Russian Doll Envelopes - hard
Maximum Length of Pair Chain - medium
Longest Repeating Character Replacement - medium
Maximum Product Subarray - medium

Plan 3

Word Break - medium
Word Break II - hard
Concatenated Words - hard
Palindrome Partitioning - medium
Palindrome Partitioning II - hard
Decode Ways - medium
Decode Ways II - hard
Perfect Squares - medium

Plan 3

Best Time to Buy and Sell Stock - easy
Best Time to Buy and Sell Stock II - easy
Best Time to Buy and Sell Stock III - medium
Best Time to Buy and Sell Stock IV - hard
Maximum Sum of 3 Non-Overlapping Subarrays - hard
Best Time to Buy and Sell Stock with Cooldown - medium
Best Time to Buy and Sell Stock with Transaction Fee - medium

Plan 4

House Robber II - medium
House Robber III - hard
Paint Fence - medium
Paint House - easy
Paint House II - hard
Split Array Largest Sum - hard

Plan 6 - Backpack

Coin Change - medium
Coin Change 2 - medium
Combination Sum IV - medium
Target Sum - medium
Ones and Zeroes - medium
Partition Equal Subset Sum - medium

Plan 7

Minimum Swaps To Make Sequences Increasing - medium
Knight Probability in Chessboard - medium
Coin Path - hard
Frog Jump - hard

Plan 8

Burst Balloons - hard
1-bit and 2-bit Characters - medium
Student Attendance Record II - hard
Bomb Enemy - medium
4 Keys Keyboard - hard

Encode String with Shortest Length - hard
Maximum Vacation Days - hard
Domino and Tromino Tiling - medium

DP - String Match(9)

Plan 1

Edit Distance - medium
Distinct Subsequences - hard
Wildcard Matching - hard
Regular Expression Matching - hard
Minimum Window Subsequence - medium

Plan 2

Longest Palindromic Substring - medium
Palindromic Substrings - medium
Longest Palindromic Subsequence - medium
Count Different Palindromic Subsequences - hard

DP - Matrix(11)

Plan 1

Unique Paths - easy
Unique Paths II - medium
Minimum Path Sum - easy
Maximal Square - medium
Largest Plus Sign - medium
Longest Line of Consecutive One in Matrix - medium

Plan 2

Number Of Corner Rectangles - medium
Maximal Rectangle - hard
Max Sum of Rectangle No Larger Than K - hard
Dungeon Game - hard
Cherry Pickup - hard

Intervals(3)

Plan 1

Merge Intervals - medium
Insert Interval - medium
Non-overlapping Intervals - medium - dp, greedy

Sweep Line(7)

Plan 1

Meeting Rooms - medium
Meeting Rooms II - medium
Minimum Number of Arrows to Burst Balloons - medium
Range Addition - medium

Brick Wall - medium
The Skyline Problem - hard
Perfect Rectangle - hard

Segment Tree(7)

Plan 1

Range Sum Query - Mutable - medium - segment tree
Range Sum Query 2D - Mutable - hard
Count of Smaller Numbers After Self - hard
Queue Reconstruction by Height - hard
My Calendar I - easy - treemap
My Calendar II - medium - treemap
My Calendar III - hard - segment tree

Expression(5)

Plan 1

Evaluate Reverse Polish Notation - medium
Solve the Equation - medium
Basic Calculator - hard
Basic Calculator II - hard
Basic Calculator III - hard

Hashing(1)

Plan 1

Find Duplicate File in System - medium

Sparsity(1)

Plan 1

Sparse Matrix Multiplication - medium

Randomization(3)

Plan 1

Shuffle an Array - medium
Linked List Random Node - medium - reservoir sampling
Random Pick Index - medium

Iterator(6)

Plan 1

Design Compressed String Iterator - medium
Peeking Iterator - medium
Flatten 2D Vector - medium
Zigzag Iterator - hard
Flatten Nested List Iterator - hard
Binary Search Tree Iterator - medium

Bit Operation(8)

Plan 1

Number of 1 Bits - easy
Power of Two - easy
Reverse Bits - easy
Single Number - medium
Missing Number - medium
Hamming Distance - medium
Total Hamming Distance - medium
UTF-8 Validation - medium - coding

Other 特定算法(11)

Plan 1

Majority Element - easy
Majority Element II - medium
Max Points on a Line - hard
Set Matrix Zeroes - medium
Lonely Pixel I - medium
Lonely Pixel II - medium

Plan 2

Best Meeting Point - medium - sorting - median
Patching Array - hard
Rearrange String k Distance Apart - hard
Gas Station - medium
Candy - hard

Maths(5)

Plan 1

Factorial Trailing Zeroes - easy
Count Primes - medium
Remove 9 - hard
Reaching Points - hard
Similar RGB Color - easy

Design + Data Structure(8)

Plan 1

Design Phone Directory - medium
Design Snake Game - medium
Design Tic-Tac-Toe - medium
Design In-Memory File System - medium
Design Excel Sum Formula - hard
Design Log Storage System - medium

Plan 2

Read N Characters Given Read4 - medium
Read N Characters Given Read4 II - Call multiple times - hard

Geometry(4)

Plan 1

Line Reflection - medium
Valid Square - medium
Rectangle Area - medium - sweep line
Convex Polygon - medium