



花花酱 LeetCode Problem List 题目列表

Data source: [link](#) suggestions and comments are welcome (需要科学上网)

Tree (树)

Id	Name	Difficulty	Similar Problems					Comments
94	Binary Tree Inorder Traversal	★	144	145	429	589	590	traversal
			987	1302				
100	Same Tree	★★	101	104	110	111	572	
			965					
102	Binary Tree Level Order Traversal	★★	107	429	872			collecting nodes
814	Binary Tree Pruning	★★★	669	1325				
112	Path Sum	★★★★	113	437				
129	Sum Root to Leaf Numbers	★★★★	257					
236	Lowest Common Ancestor of a Binary Tree	★★★★	235					
297	Serialize and Deserialize Binary Tree	★★★★	449					
508	Most Frequent Subtree Sum	★★★★						
124	Binary Tree Maximum Path Sum	★★★★	543	687				Use both children, return
968	Binary Tree Cameras	★★★★★	337	979				

Divide and conquer (分治)

Id	Name	Difficulty	Similar Problems						Comments
169	Majority Element	★★							你知道茴香豆的茴有几种写法吗?
153	Find Minimum in Rotated Sorted Array	★★	154						
912	Sort and Array	★★★							merge sort
315	Count of Smaller Numbers After Self	★★★★							merge sort / BIT

List (链表)

Id	Name	Difficulty	Similar Problems						Comments
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2	Add Two Numbers	★★	445							traversal
24	Swap Nodes in Pairs	★★								reverse
206	Reverse Linked List	★★								reverse
141	Linked List Cycle	★★	142							fast/slow
23	Merge k Sorted Lists	★★★	21							priority_queue / mergesort
147	Insertion Sort List	★★★★								insertion sort
148	Sort List	★★★★★								merge sort O(1) space
707	Design Linked List	★★★★★								

BST（二叉搜索树）

Id	Name	Difficulty	Similar Problems					Comments
98	Validate Binary Search Tree	★★	530					inorder
700	Search in a Binary Search Tree	★★	701					binary search
230	Kth Smallest Element in a BST	★★★						inorder
99	Recover Binary Search Tree	★★★★						inorder
108	Convert Sorted Array to Binary Search Tree	★★★★						build BST
501	Find Mode in Binary Search Tree	★★★★						inorder
450	Delete Node in a BST	★★★★★						binary search

Graph（图论）

Id	Name	Difficulty	Similar Problems					Comments
133	Clone Graph	★★	138					queue + hashtable
200	Number of Islands	★★	547	695	733	827	1162	grid + connected componer
841	Keys and Rooms	★★	1202					DFS, connected componen
207	Course Schedule	★★★	210	802				topology sorting
399	Evaluate Division	★★★★	839	952	990	721	737	union find
785	Is Graph Bipartite?	★★★★	886	1042				bipartition, graph coloring
997	Find the Town Judge	★★★★						in/out degrees
433	Minimum Genetic Mutation	★★★★	815	863	1129	1263		unweighted shortest path /
684	Redundant Connection	★★★★★	685	1319				cycle, union find
743	Network Delay Time	★★★★★	787	882	924	1334		weighted shortest path
847	Shortest Path Visiting All Nodes	★★★★★	864	1298				BFS
332	Reconstruct Itinerary	★★★★★						Eulerian path
1192	Critical Connections in a Network	★★★★★						Tarjan
943	Find the Shortest Superstring	★★★★★	980	996				Hamiltonian path (DFS /



959	Regions Cut By Slashes	★★★★★							union find / grid + CCs
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Search (BFS/DFS) (搜索/回溯)

Id	Name	Difficulty	Similar Problems							Comments
17	Letter Combinations of a Phone Number	★★	39	40	77	78	90	216		Combination
46	Permutations	★★	47	784	943	996				Permutation
22	Generate Parentheses	★★★★	301							DFS
37	Sudoku Solver	★★★★	51	52						DFS
79	Word Search	★★★★	212							DFS
127	Word Ladder	★★★★★	126	752	818					BFS
542	01 Matrix	★★★★	675	934						BFS
698	Partition to K Equal Sum Subsets	★★★★	93	131	241	282	842			Partition

Binary Search (二分搜索)

Id	Name	Difficulty	Similar Problems							Comments
35	Search Insert Position	★★	34	704	981					upper_bound
33	Search in Rotated Sorted Array	★★★★	81	153	154	162	852			rotated / peak
69	Sqrt(x)	★★★★								upper_bound
74	Search a 2D Matrix	★★★★								treat 2d as 1d
875	Koko Eating Bananas	★★★★	1011							guess ans and check
4	Median of Two Sorted Arrays	★★★★★								
378	Kth Smallest Element in a Sorted Matrix	★★★★★	668							kth + matrix
719	Find K-th Smallest Pair Distance	★★★★★	786							kth + two pointers

Two Pointers (双指针)

Id	Name	Difficulty	Similar Problems							Comments
11	Container With Most Water	★★	42							
125	Valid Palindrome	★★	455							
917	Reverse Only Letters	★★	925	986	855					
167	Two Sum II – Input array is sorted	★★★★	15	16						
977	Squares of a Sorted Array	★★								merge sort
992	Subarrays with K Different Integers	★★★★★								



Advanced (高级)

Id	Name	Difficulty	Similar Problems						Comments
208	Implement Trie (Prefix Tree)	★★★	648	676	677	720	745	211	Trie
307	Range Sum Query – Mutable	★★★							BIT/Segment Tree
901	Online Stock Span	★★★	907	1019					monotonic stack
239	Sliding Window Maximum	★★★							monotonic queue

DP (动态规划)

Id	Name	Difficulty	Similar Problems						Comments
70	Climbing Stairs	★	746	1137					I: $O(n)$, S = $O(n)$, T = $O(n)$
303	Range Sum Query – Immutable	★	1218						
53	Maximum Subarray	★★	121						
62	Unique Paths	★★	63 1210	64	120	174	931		I: $O(mn)$, S = $O(mn)$, T = $O(mn)$
85	Maximal Rectangle	★★★	221	304	1277				
198	House Robber	★★★★	213	309	740	790	801		I: $O(n)$, S = $O(3n)$, T = $O(3n)$
279	Perfect Squares	★★★★							I: n, S = $O(n)$, T = $O(n \cdot \sqrt{n})$
139	Word Break	★★★★	140	818					I: $O(n)$, S = $O(n)$, T = $O(n^2)$
300	Longest Increasing Subsequence	★★★★	673	1048					
96	Unique Binary Search Trees	★★★★							
1105	Filling Bookcase Shelves	★★★★							I: $O(n) + t$, S = $O(n)$, T = $O(n^2)$
131	Palindrome Partitioning	★★★★	89						I: $O(n)$, S = $O(2^n)$, T = $O(2^n)$
72	Edit Distance	★★★★	10 712	44 1187	97 1143	115 1092	583 718		I: $O(m+n)$, S = $O(mn)$, T = $O(mn)$



1139	Largest 1-Bordered Square	★★★★						I: $O(mn)$, $S = O(mn)$ T = $O(mn \cdot \min(n, m))$
688	Knight Probability in Chessboard	★★★★	576	935				I: $O(mn) + k$ $S = O(kmn)$, $T = O(kmn)$
322	Coin Change	★★★★	377	416	494	1043	1049	I: $O(n) + k$, $S = O(n)$, $T = O(kn)$
			1220	1230	1262	1269		
813	Largest Sum of Averages	★★★★★	1278	1335	410			I: $O(n) + k$ $S = O(n \cdot k)$, $T = O(kn^2)$
1223	Dice Roll Simulation	★★★★★						I: $O(n) + k + p$ $S = O(k \cdot p)$, $T = O(n^2kp)$
312	Burst Balloons	★★★★★	664	1024	1039	1140	1130	I: $O(n)$, $S = O(n^2)$, $T = O(n^3)$
741	Cherry Pickup	★★★★★						I: $O(n^2)$, $S = O(n^3)$, $T = O(n^3)$
546	Remove Boxes	★★★★★						I: $O(n)$, $S = O(n^3)$, $T = O(n^4)$
943	Find the Shortest Superstring	★★★★★	980	996	1125			I: $O(n)$ $S = O(n^2 \cdot n)$, $T = (n^2 \cdot 2^n)$

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