Problem Categories of Leetcode OJ

Version 1.6

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Problem	Category
Reverse Words in a String	Implementation
Evaluate Reverse Polish Notation	Stack
Max Points on a Line	Polar Angle Sort
Sort List	Merge Sort, Linked List
Insertion Sort List	Linked List
LRU Cache	Hash, Linked List
Binary Tree Postorder Traversal	Recursion, Tree
Binary Tree Preorder Traversal	Recursion, Tree
Reorder List	Linked List
Linked List Cycle II	Linked List
Linked List Cycle	Linked List
Word Break II	Dynamic Programming, Trie
Word Break	Dynamic Programming, Trie
Copy List with Random Pointer	Hash, Linked List
Single Number II	Bit Manipulation
Single Number	Bit Manipulation
Candy	Dynamic Programming, Greedy
Gas Station	Dynamic Programming
Clone Graph	Hash, BFS, Tree
Palindrome Partitioning II	Dynamic Programming
Palindrome Partitioning	Recursion
Surrounded Regions	DFS, Disjoint-set
Sum Root to Leaf Numbers	Recursion, Tree
Longest Consecutive Sequence	Hash, Disjoint-set
Word Ladder II	BFS, DFS
Word Ladder	BFS
Valid Palindrome	Implementation
Binary Tree Maximum Path Sum	Dynamic Programming, Tree, Recursion
Best Time to Buy and Sell Stock III	Greedy, Dynamic Programming
Best Time to Buy and Sell Stock II	Greedy, Dynamic Programming
Best Time to Buy and Sell Stock	Greedy
Triangle	Dynamic Programming

Pascal's Triangle II	Dynamic Programming
Pascal's Triangle	Dynamic Programming
Populating Next Right Pointers in Each Node II	Implementation
Populating Next Right Pointers in Each Node	Implementation
Distinct Subsequences	Dynamic Programming
Flatten Binary Tree to Linked List	Linked List, Tree
Path Sum II	Recursion
Path Sum	Recursion
Minimum Depth of Binary Tree	Recursion, Tree
Balanced Binary Tree	Recursion, Tree
Convert Sorted List to Binary Search Tree	Recursion, BST
Convert Sorted Array to Binary Search Tree	Recursion, BST
Binary Tree Level Order Traversal II	Tree
Construct Binary Tree from Inorder and Postorder Traversal	Recursion, BST
Construct Binary Tree from Preorder and Inorder Traversal	Recursion, BST
Maximum Depth of Binary Tree	Recursion
Binary Tree Zigzag level Order Traversal	Tree
Binary Tree Level Order Traversal	Tree
Symmetric Tree	Recursion, Tree
Same Tree	Recursion, Tree
Recover Binary Search Tree	BST
Validate Binary Search Tree	BST
Interleaving String	Dynamic Programming
Unique Binary Search Trees II	Recursion, Dynamic Programming, BST
Unique Binary Search Trees	Dynamic Programming, BST
Binary Tree Inorder Traversal	Recursion, Tree
Restore IP Addresses	Recursion
Reverse Linked List	Linked List
Subsets II	Recursion
Decode Ways	Dynamic Programming
Gray Code	Implementation
Merge Sorted Array	Merge Sort
Scramble String	Recursion, Pruning
Partition List	Linked List
Maximal Rectangle	Greedy, Stack
Largest Rectangle in Histogram	Greedy, Stack
Remove Duplicates from Sorted List II	Linked List
Remove Duplicates from Sorted List	Linked List
Search in Rotated Array II	Binary Search
Remove Duplicates from Sorted Array II	Pointer
Word Search	Recursion
Subsets	Recursion
Combinations	Recursion
Minimum Window Substring	Pointer
Sort Colors	Count Sort, Pointer
Search a 2D Matrix	Binary Search
Set Matrix Zeros	Implementation
Edit Distance	Dynamic Programming
Simplify Path	Stack

Climbing Stairs	Dynamic Programming, Fibonacci
Sqrt(x)	Binary Search
Text Justification	Implementation
Plus One	Implementation
Valid Number	Implementation, Regular Expression
Add Binary	Implementation
Merge Two Sorted Lists	Merge Sort, Linked List
Minimum Path Sum	Dynamic Programming
Unique Paths II	Dynamic Programming
Unique Paths	Dynamic Programming
Rotate List	Linked List
Permutations Sequence	Math
Spiral Matrix II	Implementation
Length of Last Word	Pointer
Insert Interval	Pointer
Merge Interval	Pointer
Jump Game	Greedy
Spiral Matrix	Implementation
Maximum Subarray	Divide and Conquer, Greedy
N-Queens II	Recursion, Bit Manipulation
N-Queens	Recursion, Bit Manipulation
Pow(x, n)	Bit Manipulation
Anagrams	Trie
Rotate Image	Implementation
Permutations	Math
Jump Game II	Pointer
Wildcard Matching	Dynamic Programming
Multiply Strings	Implementation
Trapping Rain Water	Greedy
First Missing Positive	Implementation
Combination Sum II	Recursion
Combination Sum	Dynamic Programming
Count and Say	Implementation
Sudoku Solver	DFS, Pruning
Valid Sudoku	Implementation
Search Insert Position	Binary Search
Search for a Range	Binary Search
Search in Rotated Sorted Array	Binary Search
Longest Valid Parentheses	Dynamic Programming, Stack
Next Permutation	Math
Substring with Concatenation of All Words	Pointer, Trie
Divide Two Integers	Bit Manipulation
Implement strStr()	KMP, Dynamic Programming
Remove Element	Pointer
Remove Duplicates from Sorted Array	Pointer
Reverse Nodes in k-Group	Linked List
Swap Nodes in Pairs	Linked List
Merge k Sorted Lists	Merge Sort, Linked List
Generate Parentheses	Dynamic Programming

Valid Parentheses	Stack
Remove Nth Node From End of List	Linked List
Letter Combination of a Phone Number	Recursion
4Sum	Hash, Binary Search
3Sum Cloeset	Brute Force, Binary Search
3Sum	Brute Force, Binary Search
Longest Common Prefix	Pointer
Roman to Integer	Implementation
Integer to Roman	Implementation
Container With Most Water	Pointer, Greedy
Regular Expression Matching	Dynamic Programming, Recursion
Palindrome Number	Implementation
String to Integer (atoi)	Implementation
Reverse Integer	Implementation
ZigZag Conversion	Implementation
Longest Palindromic Substring	Dynamic Programming
Add Two Numbers	Linked List
Longest Substring Without Repeating Characters	Pointer
Median of Two Sorted Array	Binary Search
Two Sum	Binary Search

Week 1

Linked List	
AC Rates	Problem
$15\%^{-}$	LRU Cache
$15\% - 20\%$	Sort List Reorder List
$20\% - 25\%$	Insertion Sort List Copy List with Random Pointer Remove Duplicates from Sorted List II Rotate List Reverse Nodes in k-Group Merge k Sorted Lists Add Two Numbers
$25\% - 30\%$	Flatten Binary Tree to Linked List Reverse Linked List Partition List Remove Nth Node From End of List
$30\%^{+}$	Linked List Cycle Linked List Cycle II Remove Duplicates from Sorted List Merge Two Sorted Lists Swap Nodes in Pairs

Week 2

Stack	
AC Rates	Problem
15% – 20%	Evaluate Reverse Polish Notation Simplify Path Longest Valid Parentheses
20% – 25%	Maximal Rectangle Largest Rectangle in Histogram
25% – 30%	Valid Parentheses

Disjoint-set	
AC Rates	Problem
15% – 20%	Surrounded Regions
25% – 30%	Longest Consecutive Sequence

Binary Search	
AC Rates	Problem
15% – 20%	3Sum Median of Two Sorted Array Two Sum
20% – 25%	Sqrt(x) 4Sum
25% – 30%	Search for a Range Search in Rotated Array 3Sum Cloeset
30%$^+$	Search in Rotated Array II Search a 2D Matrix Search Insert Position

Week 3

Bit Manipulation	
AC Rates	Problem
$15\% - 20\%$	Divide Two Integers
$25\% - 30\%$	N-Queens Pow(x)
$30\%^{+}$	Single Number II Single Number N-Queens II

Pointer	
AC Rates	Problem
$15\% - 20\%$	Minimum Window Substring Substring with Concatenation of All Words
$20\% - 25\%$	Remove Duplicates from Sorted List II Insert Interval Merge Interval Longest Substring Without Repeating Characters
$25\% - 30\%$	Length of Last Word Jump Game II Longest Common Prefix
$30\%^{+}$	Sort Colors Remove Element Remove Duplicates from Sorted Array Container with Most Water

Week 4

Merge Sort	
AC Rates	Problem
$20\% - 25\%$	Sort List Merge k Sorted Lists
$30\%^{+}$	Merge Sorted Array Merge Two Sorted Lists

Hash	
AC Rates	Problem
$15\%^{-}$	LRU Cache
$20\% - 25\%$	Copy List with Random Pointer Clone Graph 4Sum
$25\% - 30\%$	Longest Consecutive Sequence

Trie	
AC Rates	Problem
$15\% - 20\%$	Word Break II Substring with Concatenation of All Words
$20\% - 25\%$	Word Break Anagrams

Greedy	
AC Rates	Problem
$15\% - 20\%$	Candy Best Time to Buy and Sell Stock III
$20\% - 25\%$	Maximal Rectangle Largest Rectangle in Histogram
$25\% - 30\%$	Jump Game Trapping Rain Water
$30\%^{+}$	Best Time to Buy and Sell Stock II Best Time to Buy and Sell Stock Maximum Subarray Container With Most Water

Dynamic Programming	
AC Rates	Problem
$15\%^{-}$	Wildcard Matching Regular Expression Matching
$15\% - 20\%$	Candy Palindrome Partitioning II Binary Tree Maximum Path Sum Interleaving String Decode Ways
$20\% - 25\%$	Gas Station Best Time to Buy and Sell Stock III Distinct Subsequences Edit Distance Longest Valid Parentheses Implement strStr() Longest Palindromic Substring Triangle
$25\% - 30\%$	Search in Rotated Array 3Sum Cloeset Unique Binary Search Trees II Unique Paths II Combination Sum
$30\%^{+}$	Best Time to Buy and Sell Stock II Pascal's Triangle II Pascal's Triangle Unique Binary Search Trees Climbing Stairs Minimum Path Sum Unique Paths Generate Parentheses