)	Question	Diff	Freq	Data Structure	Algorithms
1	Two Sum	2	5	array	sort
				set	Two Pointers
2	Add Two Numbers	3	4	linked list	Two Pointers
					Math
3	Longest Substring Without Repeating Characters	3	2	string	Two Pointers
				hashtable	
4	Median of Two Sorted Arrays	5	3	array	Binary Search
	Longest Palindromic Substring	4		string	<i>J</i>
	ZigZag Conversion	3		string	
	Reverse Integer	2	3		Math
	String to Integer (atoi)	2		string	Math
	Palindrome Number	2	2		Math
	Regular Expression Matching	5		string	Recursion
10	regular Expression Matering	J	<u> </u>	- Sums	DP
11	Container With Most Water	3	9	array	Two Pointers
	Integer to Roman	3	4	urray	Math
	Roman to Integer	2	4		Math
	Longest Common Prefix	2		string	Watti
	3Sum	3		array	Two Pointers
	3Sum Closest			array	Two Pointers
	Letter Combinations of a Phone Number	3		string	DFS
		3		ŭ	Dro
	4Sum Remove Nth Node From End of List	3		array linked list	Two Pointers
		2	Ž		
	Valid Parentheses	2		string	Stack
21	Merge Two Sorted Lists	2	5	linked list	sort
					Two Pointers
					merge
	Generate Parentheses	3		string	DFS
23	Merge k Sorted Lists	3	4	linked list	sort
				heap	Two Pointers
					merge
	Swap Nodes in Pairs	2		linked list	
25	Reverse Nodes in k-Group	4	2	linked list	Recursion
					Two Pointers
	Remove Duplicates from Sorted Array	1	3	array	Two Pointers
	Remove Element	1		array	Two Pointers
28	Implement strStr()	4	5	string	Two Pointers
					KMP
					rolling hash
29	Divide Two Integers	4	3		Binary Search
					Math
	Substring with Concatenation of All Words	3	1	string	Two Pointers
31	Next Permutation	5	2	array	permutation
	Longest Valid Parentheses	4		string	DP
	Search in Rotated Sorted Array	4		array	Binary Search
	Search for a Range	4		array	Binary Search
	Search Insert Position	2		array	·
	Valid Sudoku	2		array	
	Sudoku Solver	4		array	DFS
	Count and Say	2		string	Two Pointers
30				0	0 1 02111015
	Combination Sum	3	3	array	combination
40	Combination Sum II	4		array	combination
	First Missing Positive	5		array	sort

42	Trapping Rain Water	4	2	array	Two Pointers Stack
40	Multiply Strings			string	Two Pointers
43	wimapiy samgs	4	3	oumg	Math
11	Wildcard Matching	5		string	Recursion
44	Wildcard Matching	5	3	sumg	DP
					greedy
45	Jump Game II	4	9	a rray	greedy
	Permutations	4		array	permutation
	Permutations II	3		array	permutation
	Rotate Image	4		array	permutation
	Anagrams	3		string	
49	magranis	3	4	hashtable	
50	Pow(x, n)	3	5	пазнате	Binary Search
JU	10w(A, II)	3	<u> </u>		Math
51	N-Queens	4	9	array	DFS
	N-Queens II	4		array	DFS
_	Maximum Subarray	3		array	DP
	Spiral Matrix	4		array	DI .
	Jump Game	3		array	
	Merge Intervals	4		array	sort
50	Weige intervals	4	<u> </u>	linked list	merge
				red-black tree	merge
57	Insert Interval	4	5	array	sort
3 /	Insert interval	4	<u> </u>	linked list	merge
				red-black tree	merge
-8	Length of Last Word	1	1	string	
	Spiral Matrix II	3		array	
	Permutation Sequence		1	array	permutation
30	1 crinitiation sequence	5	1		Math
61	Rotate List	3	9	linked list	Two Pointers
_	Unique Paths	2		array	DP
-	Unique Paths II			array	DP
	Minimum Path Sum	3		array	DP
_	Valid Number	3 2		string	Math
	Plus One	1		array	Math
_	Add Binary	2		string	Two Pointers
0/	Add billary	2	4	sumg	Math
60	Text Justification		0	string.	Maui
-	Sqrt(x)	4		string	Binary Search
	Climbing Stairs	4	<u>4</u> 5		DP
	Simplify Path	2		string	Stack
	Edit Distance	3		string	DP
_	Set Matrix Zeroes	4			Dr
	Search a 2D Matrix	3		array	Binary Search
	Sort Colors	3		array	·
/5	SOIT COIDIS	4	2	array	sort Two Pointers
76	Minimum Window Cubatuina			atrina	Two Pointers Two Pointers
	Minimum Window Substring Combinations	4		string	combination
		3	4	o most	Recursion
/ 8	Subsets	3	4	array	
	Mond Coonsh				combination
79	Word Search	3	4	array	DFS
30	Remove Duplicates from Sorted Array II	2	2	array	Two Pointers
81	Search in Rotated Sorted Array II	5	3	array	Binary Search
82	Remove Duplicates from Sorted List II	3	3	linked list	Recursion
					Two Pointers
33	Remove Duplicates from Sorted List	1	3	linked list	
_	Largest Rectangle in Histogram	5		array	Stack

85	Maximal Rectangle	5	1	array	DP
					Stack
86	Partition List	3	3	linked list	Two Pointers
87	Scramble String	5	2	string	Recursion
					DP
88	Merge Sorted Array	2	5	array	Two Pointers
					merge
89	Gray Code	4	2		combination
90	Subsets II	4	2	array	Recursion
					combination
91	Decode Ways	3	4	string	Recursion
					DP
92	Reverse Linked List II	3	2	linked list	Two Pointers
93	Restore IP Addresses	3	3	string	DFS
94	Binary Tree Inorder Traversal	4	3	tree	Recursion
	·			hashtable	morris
					Stack
95	Unique Binary Search Trees II	4	1	tree	DP
					DFS
96	Unique Binary Search Trees	3	1	tree	DP
	Interleaving String	5	2	string	Recursion
					DP
98	Validate Binary Search Tree	3	5	tree	DFS
	Recover Binary Search Tree	4		tree	DFS
	Same Tree	1		tree	DFS
	Symmetric Tree	1		tree	DFS
	Binary Tree Level Order Traversal	3		tree	BFS
	Binary Tree Zigzag Level Order Traversal	4		queue	BFS
	, , ,			tree	Stack
104	Maximum Depth of Binary Tree	1	1	tree	DFS
	Construct Binary Tree from Preorder and Inorder Tr	3		array	DFS
0		3	<u>U</u>	tree	
106	Construct Binary Tree from Inorder and Postorder T	3	3	array	DFS
100	Construct Emary Tree from moraer and rosteraer r	3	<u> </u>	tree	
107	Binary Tree Level Order Traversal II	3	1	tree	BFS
	Convert Sorted Array to Binary Search Tree	2		tree	DFS
	Convert Sorted List to Binary Search Tree	4		linked list	Recursion
109	Convert Borted Elot to Bindry Boaron 1100		<u>U</u>	IIIIIca IIst	Two Pointers
110	Balanced Binary Tree	1	2	tree	DFS
	Minimum Depth of Binary Tree	1		tree	DFS
	Path Sum	1		tree	DFS
	Path Sum II	2		tree	DFS
	Flatten Binary Tree to Linked List	3		tree	Recursion
4	Time Diling 1100 to Dillinot Dist	3	<u> </u>	400	Stack
115	Distinct Subsequences	4	9	string	DP
	Populating Next Right Pointers in Each Node	3		tree	DFS
	Populating Next Right Pointers in Each Node II	4		tree	DFS
	Pascal's Triangle	2		array	D10
	Pascal's Triangle II	2		array	
		2	1	array	
	Triangle	3		array	DP
121	Best Time to Buy and Sell Stock	2	1	array	DP
100	Best Time to Buy and Sell Stock II	3	1	array	greedy
	Best Time to Buy and Sell Stock III	4		array	DP
		4		tree	DFS
123	Binary Tree Maximum Path Sum				
123 124	Binary Tree Maximum Path Sum Valid Palindrome			etring	Truto Dointord
123 124 125	Valid Palindrome	2	1	string	Two Pointers
123 124 125 126			1	string graph	Two Pointers BFS

				onortoot pati
128	Longest Consecutive Sequence	4	3 array	
129	Sum Root to Leaf Numbers	2	4 tree	DFS
130	Surrounded Regions	4	3 array	BFS
				DFS
131	Palindrome Partitioning	3	4 string	DFS
132	Palindrome Partitioning II	4	3 string	DP

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