



Questions	Solutions	Show/Hide Patterns	Difficulty	Companies 😯
Reverse Linked List	ď	(In-place reversal of a linked list)	Easy	B S vm Intuit
Palindrome Linked List	ď	(Fast & Slow Pointers)	Easy	a
Remove Linked List Elements	ď	Fast & Slow Pointers	Easy	a G ≤ ⋈ = B
Remove Duplicates from Sorted List	ď	Fast & Slow Pointers	Easy	a ¼ G B ∞ ∉
Merge Two Sorted Lists	ď	Two Pointers	Easy	
Meeting Rooms	ď	(Intervals)	Easy	Б В а
<u>Binary Search</u>	ď	Binary Search	Easy	
Find Smallest Letter Greater Than Target	ď	(Binary Search)	Easy	B in a
Average of Levels in Binary Tree	Ľ	BFS	Easy	on a 📲
Minimum Depth of Binary Tree	C	(BFS) (DFS)	Easy	on a B
<u>Same Tree</u>	ď	DFS	Easy	a 🛊 G 🕼 🔡 B
<u>Path Sum</u>	ď	DFS	Easy	■ ∞ a G B
Maximum Depth of Binary Tree	ď	DFS	Easy	a
<u>Diameter of</u> <u>Binary Tree</u>	ď	DFS	Easy	<u>a</u> ∞ <u>B</u> G #
Merge Two Binary Trees	ď	DFS	Easy	o 3 🖸 🖸 🧯



(Hard: 0/30)					
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	Subtree of Another Tree	ď	DFS	Easy	a
	<u>Invert Binary</u> <u>Tree</u>	ď	DFS	Easy	a ⊙ G ₩ ∞ ☑
	Two Sum	Ľ ·	Two Pointers	Easy	A
	<u>Squares of a</u> <u>Sorted Array</u>	ď	(Two Pointers)	Easy	a G ∞ ☑ Я 當
	Backspace String Compare	ď	Two Pointers	Easy	B m # O
	<u>A Index Pairs of</u> <u>a String</u>	Ľ	Trie	Easy	
	<u>Majority Element</u>	ď	Sorting	Easy	a G ∉ ≣ B M ∞ • tubrik
	Convert 1D Array Into 2D Array	Ľ	Arrays	Easy	
	Product of Array Except Self	L	Arrays	Medium	B A B B A B C B C DEShaw&Co C C C C D D D D D D D D D
	Find the Duplicate Number	ď	(Arrays) (Binary Search) (Two Pointers)	Medium	a A ∞ in the latest of the
	Find All Duplicates in an Array	ď	Arrays	Medium	<u>a</u>



(Hard: 0/30					
		Questions	Solutions	Show/Hide Patterns	Difficulty	Companies ②
		Set Matrix Zeroes	ď	Arrays	Medium	a ∞ B H A € Infosys'
C		<u>Spiral Matrix</u>	Ľ	Arrays	Medium	a
		Rotate Image	₫	Arrays	Medium	B O CHAM> CO CO CONTROL OF TIGER ANALYTICS
(Word Search	ď	Backtracking	Medium	B O cisco. K
(Longest Consecutive Sequence	ď	Arrays	Medium	3. G ← A B ∞ ⇒ □ □ □ □ □ □ □ cisco.
		<u>Letter Case</u> <u>Permutation</u>	Ľ	Backtracking	Medium	<u>a</u> , <u></u>
(Subsets	Ľ	(Backtracking)	Medium	
		Subsets II	ď	Backtracking	Medium	<u>a</u> ∞ <u>B</u> ≤ ¼ G
(<u>Permutations</u>	ď	Backtracking	Medium	
		Permutations II	C	Backtracking	(Medium)	👭 🛅 🚨 G 🖪 🗯
		Combinations	ď	Backtracking	Medium	G ∞ 👭 B 💇



Questions	Solutions	Show/Hide Patterns	Difficulty	Companies ②
<u>Combination</u> <u>Sum</u>	Ľ	Backtracking	Medium	
Combination Sum II	ď	Backtracking	Medium	∞ 🔬 🍜 🖪 🚨 G
Combination Sum III	ď	Backtracking	Medium	G a M
<u>Generate</u> <u>Parentheses</u>	ď	Backtracking	Medium	B C D D D D D D D D D D D D D D D D D D
Target Sum	ď	DFS Dynamic Programming	Medium	∞ <u>a</u> M ⊙ ≤ B
Palindrome Partitioning	ď	Backtracking	Medium	
Letter Combinations of a Phone Number	ď	Backtracking	Medium	B ⊕ DEShaw&Co
Generalized Abbreviation	ď	Backtracking	Medium	
<u>House Robber</u>	ď	Dynamic Programming	Medium	a dialo B ← C A Infosys'
<u>Maximum</u> <u>Subarray</u>	ď	Dynamic Programming	Medium	A ← HAYER CISCO. CO (in) B S Vm ATEUR DEShaw&Co DEShaw&Co Infosys' AND AND AND AND AND AND AND AN



Questions	Solutions	Show/Hide Patterns	Difficulty	Companies ②
House Robber II	Ľ	Dynamic Programming	Medium	GM & B &
<u>Coin Change</u>	Ľ	Dynamic Programming	Medium	B A B C O M M M M M M M M M M M M
<u>Maximum</u> <u>Product Subarray</u>	L	Dynamic Programming	Medium	a
Longest Increasing Subsequence	Ľ	Dynamic Programming	Medium	☐ G a o o o o o o o o o o o o o o o o o o
Longest Palindromic Substring	区	Dynamic Programming	Medium	a. G B cisco. A i cosco. A i
Word Break	L	Dynamic Programming	Medium	
<u>Combination</u> <u>Sum IV</u>	ď	Dynamic Programming	Medium	<u>a</u> ∰ G ∞ ∉
<u>Decode Ways</u>	Ľ	Dynamic Programming	Medium	 3. cisco. C
<u>Unique Paths</u>	Z	Dynamic Programming	Medium	a G ← A B H Trilogy Infoss'



Questions	Solutions	Show/Hide Patterns	Difficulty	Companies 🚱
<u>Jump Game</u>		(Dynamic Programming) (Greedy)	Medium	
<u>Palindromic</u> <u>Substrings</u>	ď	Dynamic Programming	Medium	© ∞ a ← • • • • • • • • • • • • • • • • • •
Number of Longest Increasing Subsequence	ď	Dynamic Programming	Medium	<u>a</u> G
Partition Equal Subset Sum	ď	Dynamic Programming	Medium	
Partition to K Equal Sum Subsets	ď	Dynamic Programming	Medium	⊕ a B ⊕ E G
Best Time to Buy and Sell Stock with Cooldown	ď	Dynamic Programming	Medium	<u>a</u> G
<u>Linked List Cycle</u> <u>Il</u>	ď	(Fast & Slow Pointers)	Medium	a ■ ■ B Ć ShareChat
Add Two Numbers	₫	Fast & Slow Pointers	Medium	B ON B ON SAP
Remove Nth Node From End of List	ď	Fast & Slow Pointers	Medium	a G ∞ € A
Sort List	ď	Fast & Slow Pointers	Medium	
<u>Reorder List</u>	ď	Fast & Slow Pointers	Medium	
<u>Clone Graph</u>	ď	BFS DFS Graph	Medium	B ∞ G a # €



Questions	Solutions	Show/Hide Patterns	Difficulty	Companies 😯
Pacific Atlantic Water Flow	ď	BFS DFS	Medium	a G B ⊙ #
Number of Islands	Ľ*	BFS DFS Union Find	Medium	
<u> </u>	ď	BFS DFS Graph Union Find	Medium	🛅 G 👭 🚨 🖪 🕢
Number of Connected Components in an Undirected Graph	ď	BFS DFS Graph Union Find	Medium	∞ G a o ■ o
Reverse Linked List II	ď	(In-place reversal of a linked list)	Medium	a ∞ m G € #
<u>Rotate List</u>	ď	In-place reversal of a linked list	Medium	■ a B in A ∞ G
<u>Swap Nodes in</u> <u>Pairs</u>	ď	In-place reversal of a linked list	Medium	∞ ₩ 🐧 a 🖨 B
Odd Even Linked List	Ľ	(In-place reversal of a linked list)	Medium	a G ≰ M ☑ ∞ B
Kth Smallest Element in a Sorted Matrix	ď	Binary Search Heap	Medium	∞ a G Ind
Find K Pairs with Smallest Sums	ď	Неар	Medium	⊕ a G ∉ ■ ■



(Hard: 0/30)					
	Questions	Solutions	Show/Hide Patterns	Difficulty	Companies 🚱
	Merge Intervals	Ľ°	Intervals	Medium	 B
	Interval List Intersections	ď	(Intervals)	Medium	O ■ ∞ ¶ G B
	Non-overlapping Intervals	ď	(Intervals)	Medium	∞ <u>a</u> • •
	<u>■ Meeting</u> Rooms II	Ľ	(Heap) (Intervals)	Medium	
	Task Scheduler	Ľ	Greedy Heap	Medium	a G
	Minimum Number of Arrows to Burst Balloons	ď	Greedy	Medium	<u>a</u> ∞ G
	<u>Insert Interval</u>	ď	Intervals	Medium	G (n) ∞
	<u>Peak Index in a</u> <u>Mountain Array</u>	区	(Binary Search)	Medium	<u>a</u> B ⊙ 🚺 當 ∞
	Find Minimum in Rotated Sorted Array	ď	(Binary Search)	Medium	
	<u>Find Peak</u> <u>Element</u>	ď	(Binary Search)	Medium	
	<u>Search in Rotated</u> <u>Sorted Array</u>	ď	(Binary Search)	Medium	



Questions	Solutions	Show/Hide Patterns	Difficulty	Companies ②
Search in Rotated Sorted Array II	ď	(Binary Search)	Medium	⊕
Search a 2D Matrix	ď	(Binary Search)	Medium	B ☐ G A □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
Search a 2D Matrix II	ď	(Binary Search)	Medium	■ 3 M B ■ (
Find K Closest Elements	ď	(Binary Search)	Medium	a ∧ G ← Ø □
Minimum Size Subarray Sum	ď	Sliding Window	Medium	
<u>Fruit Into Baskets</u>	ピ	Sliding Window	Medium	<u>a</u> , 😉 當
Permutation in String	ď	Sliding Window	Medium	¶ #
Longest Repeating Character Replacement	ď	Sliding Window	Medium	a o G ☑ M ∞
Longest Substring Without Repeating Characters	Ľ die en	Sliding Window	Medium	B A C C O N S M M M M ZOHO C O P M Infoss' DAlibaba CISCO AND M M M TUDRIK C O TUDRIK C
Kth Smallest Element in a BST	ď	DFS	Medium	② 3. ∞ ■ 3. ②G 🔥
K Closest Points to Origin	ď	Неар	Medium	a ∞ @ # A G in



Questions	Solutions	Show/Hide Patterns	Difficulty	Companies 👩
<u>Top K Frequent</u> <u>Elements</u>	L	Неар	Medium	a
Sort Characters By Frequency	ď	Неар	Medium	■ ∞ B ≤ a ∧
Kth Largest Element in an Array	Ľ	(Heap) QuickSelect	Medium	
Reorganize String	ď	(Greedy) (Heap)	Medium	a ∞ c o o o
<u>Course Schedule</u>	ď	BFS DFS Graph Topological Sort	Medium	
Course Schedule II	L	BFS DFS Graph Topological Sort	Medium	
Minimum Height Trees	ď	(BFS) (Graph) (Topological Sort)	Medium	a G O ()
Sequence Reconstruction	ď	Graph Topological Sort	Medium	G
Binary Tree Level Order Traversal II	ď	BFS	Medium	<u>a</u> ,
<u>Binary Tree Level</u> <u>Order Traversal</u>	ď	BFS	Medium	
Binary Tree Zigzag Level Order Traversal	ď	BFS	Medium	B \otimes G in \otimes



(Hard: 0/30)					
	Questions	Solutions	Show/Hide Patterns	Difficulty	Companies 👩
	Populating Next Right Pointers in Each Node	ď	BFS	Medium	B a
	Populating Next Right Pointers in Each Node II	ď	BFS	Medium	B B a G M
	Binary Tree Right Side View	ď	BFS DFS	Medium	
	All Nodes Distance K in Binary Tree	ď	BFS DFS	Medium	a G ∞ 🖁 տ 👭
	Lowest Common Ancestor of a Binary Search Tree	ď	DFS	Medium	a
	<u>Path Sum II</u>	ď	DFS	Medium	a ∞ B ⊃ G Ø
	<u>Path Sum III</u>	ď	DFS	Medium	a B ∞ a □ ∞ a b c c c c c c c c c c
	Lowest Common Ancestor of a Binary Tree	ď	DFS	Medium	
	<u>Maximum Binary</u> <u>Tree</u>	ď	DFS	Medium	
	<u>Maximum Width</u> <u>of Binary Tree</u>	ď	DFS	Medium	G a
	Construct Binary Tree from Preorder and Inorder Traversal	ď	DFS	Medium	a B ₩ M ⊖ G
	<u>Validate Binary</u> <u>Search Tree</u>	ď	DFS	Medium	
	<u>Implement Trie</u> (Prefix Tree)	ď	Design Trie	Medium	a



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3Sum	₫	(Two Pointers)	Medium	a. A B D C CISCO. D Infosys' C CISCO.
3Sum Closest	ď	(Two Pointers)	(Medium)	a ¼ ∞ ≤ ■ G B ⊙ ■ 0
Subarray Product Less Than K	ď	(Two Pointers)	Medium	a setting
Sort Colors	ď	Two Pointers	Medium	a
Container With Most Water	Ľ	Two Pointers	Medium	A
<u>Longest Word in</u> <u>Dictionary</u>	ď	Trie	Medium	G a o
Maximum XOR of Two Numbers in an Array	ď	Trie	Medium	<u>a</u>
First Missing Positive	ď	Arrays	Hard	a A
<u>Sudoku Solver</u>	ď	Backtracking	Hard	■ A ■ a o c ■ B ∞ o □ ■ ×
<u>N-Queens</u>	ď	(Backtracking)	(Hard)	



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<u>Reverse Nodes in</u> <u>k-Group</u>	ď	(In-place reversal of a linked list)	Hard	
Merge k Sorted Lists	₫	Неар	Hard	
Smallest Range Covering Elements from K Lists	ď	Неар	Hard	Ø a G M B ₩
<u>Employee Free</u> Time	ď	(Heap) Greedy	Hard	
Count of Range Sum	ď	(Binary Search)	Hard	
Sliding Window Maximum	Ľ*	Sliding Window	Hard	B
Minimum Number of K Consecutive Bit Flips	ď	Sliding Window	Hard	
Count Unique Characters of All Substrings of a Given String	ď	Sliding Window	Hard	<u>a</u> G
Minimum Window Substring	ď	(Sliding Window)	Hard	
Substring with Concatenation of All Words	ď	Sliding Window	Hard	∉ G ■ ■ a ∧
Rearrange String k Distance Apart	ď	(Greedy) (Heap)	Hard	G ♡ ⊙ !! ∞
Course Schedule	ď	(Greedy) (Heap)	Hard	G



Questions	Solutions	Show/Hide Patterns	Difficulty	Companies ②
<u>Maximum</u> <u>Frequency Stack</u>	ď	(Bucket Sort) (Heap)	Hard	a. € B ■ ∧ ∞
Alien Dictionary	ď	Graph Topological Sort	Hard	
Binary Tree Maximum Path Sum	ď	DFS	Hard	☐ G Inl
Serialize and Deserialize Binary Tree	ď	Design	Hard	
Word Search II	ď	(DFS) (Trie)	Hard	a cisco. ⊙ B () ♥ I G ∞ I M
<u>Find Median</u> <u>from Data</u> <u>Stream</u>	ď	Неар	Hard	
<u>Sliding Window</u> <u>Median</u>	ď	Неар	Hard	
<u>Trapping Rain</u> <u>Water</u>	ď	Two Pointers	Hard	B ☐ G
<u>Concatenated</u> <u>Words</u>	ď	Trie	Hard	<u>a</u> ,
<u>Prefix and Suffix</u> <u>Search</u>	ď	Trie	Hard	G
Palindrome Pairs	ď	Trie	Hard	



		Show/Hide Patterns	Difficulty	Companies ②
Questions	Solutions			
<u> </u>	Ľ C	Trie	Hard	G M ≤ H a in
<u> Word Squares</u>	区	Trie	Hard	G
Sort Items by Groups Respecting Dependencies	ď	DFS Graph Topological Sort	Hard	<u>a</u> ,
Median of Two Sorted Arrays	Ľ [*]	Binary Search	Hard	