	InterviewCafe's 250 DSA Sheet Tracker by Santosh Mishra This is a read-only file. To use this DSA sheet, go to the 'Film menty', select 'Make's Copy' of this sheet, and you can now use it to track your progress.									@dropdown
	Get My Book: The Art of Data Structures and Algorithms	This is a read-oni	y file. To use this	DSA sneet, go to the File Men	Problem Rating	No. of Questions	ir progress.			
	Checkout InterviewCafe: https://bit.ly/InterviewCafe	Difficulty Level	Ideal Time to Spend 5-10 mins	No. of Questions	Problem Rabing	17 51				
Join the	e InterviewCafe Community: https://bit.ly/InterviewCafeCommunity InterviewCafe Channel: https://bit.ly/InterviewCafeWhatsAppChannel	Medium Hard	15-20 mins 40-60 mins	162 33		106				
	For more Checkout: https://linktree/iamsantoshmishra	Haru	40-60 mins	33		27				
		How t	o best use of t	his DSA sheet?						
		- Build cor	nsistency by solving at lea	ast 2-3 problems every day.						
		Use the "Status" field Tick the "I	to mark problems as "Not Bookmark" field for questi	ast 2-3 problems every day. quence for effective learning. : Started," "In Progress," or "Completed." ions you want to revisit later.						
				monitor your improvement. les for better understanding. s for effective revision.						
	Problem Name				1.01	101 A 1 C				
Serial		Difficulty Level	Problem Rating	Top Companies and Frequency	Article	Video Solution	Status	Bookmark	Remarks/Comments	•
1	Arrays Two Sum Move Zeroes			Amazon (96), Google(49), Microsoft (27) Meta (45), Google (9), Amazon (9)	https://www.gseksforgseks.org/two-sum-problem/ https://www.gseksforgseks.org/move-zeroes-end-array/	https://www.youtube.com/watch?v=KLIXCFG5TnA	To Revise To Revise	☑		
3 4	Bemove Duplicayes from Sorted Array Merce Sorted Array			Meta (11), Amazon (11), Adobe (8) Meta (94), Amazon (40), Google (23)	tos://www.geeksforgeeks.org/remove-duplicates-sorted-arra https://www.geeksforgeeks.org/merge-two-sorted-arrays/	https://www.youtube.com/watch?y=DEJAZBo0FDA	To Revise			
5 6	Majority Element Next Permutation	Easy Medium		Amazon (15), Google (11), Bloomberg (9) Meta (48), JPMorgan (17), Amazon (10)	https://www.geeksforgeeks.org/majority-element/ ://www.geeksforgeeks.org/lexicographic-permutations-of-st	https://www.youtube.com/watch?v=7pnhv842keE https://www.youtube.com/watch?v=quAS1iydq7U				
7 8	4Sum H-Index	Medium Medium		Amazon (11), Bloomberg (6), Meta (4) Microsoft (3), Google (2), Adobe (2)	.geeksforgeeks.org/find-four-elements-that-sum-to-a-given- https://www.geeksforgeeks.org/h-index/	https://www.youtube.com/watch?v=wjOjCfkv1mg		□ 🛂		
9 10	Rotate Array Insert Delete GetRandom O(1)	Medium Medium		Apple (9), Google (6), Amazon (6) Meta (12), Amazon (11), Yandex (8)	https://www.geeksforgeeks.org/array-rotation/ fesign-a-data-structure-that-supports-insert-delete-search-a	https://www.youtube.com/watch?v=BHr381Guz3Y https://www.youtube.com/watch?v=j4KwhBziOpg	To Revise	☑		
11 12	Find the Duelicate Number Product of Array Except Self	Medium Medium		Amazon (8), Meta (6), Adobe (5) Amazon (22), Microsoft (14), Apple (9)	geeksforgeeks.org/find-the-duplicate-number-in-an-array-of https://www.geeksforgeeks.org/a-product-array-puzzle/	https://www.youtube.com/watch?v=bNvlQt2wAjk		, i		
13	Suberay Sum Equals K Candx	Hard		Meta (92), Yandex (10), Google (9) Amazon (5), Microsoft (4), Uber (4)	\text{\text{\text{www.geeksforgeeks.org/number-subarrays-sum-exactly-eo}} \text{\text{\text{tps://www.geeksforgeeks.org/chocolate-distribution-probler}} \text{\ti}\text{\tex{			ä		
15	Strings Encode and Decode Strings	Medium		Meta (3), Amazon (3), Google (2)	ww.geeksforgeeks.org/encode-string-with-shortened-string	https://www.voutube.com/watch?vsR1k_svDRnv8				
16 17	Encode and Dicode Strings Find the Index of the First Occurrence in a String Reverse Words in a String	Easy Medium		Amazon (9), Bloomberg (4), Apple (4) Microsoft (5), TikTok (5), Meta (4)	https://www.goeksforgoeks.org/implement-strate/ ps://www.goeksforgoeks.org/implement-strate/ ps://www.goeksforgoeks.org/reverse-words-in-a-given-strin	https://www.voutube.com/watch?v=Gikhm1gYiMw				
18 19	Group Anagrams Roman to Integer	Medium Easy		Amazon (35), Microsotf (14), Apple (11) Amazon (17), Google (9), Microsoft (6)	seksforgeeks.org/given-a-sequence-of-words-print-all-anagr v.geeksforgeeks.org/converting-roman-numerals-decimal-ly	https://www.youtube.com/watch?v=vzdNOK2oB2E https://www.youtube.com/watch?v=3jdxYj3DD98				
20 21	String to Interper (atol) Count and Say	Medium Medium		Meta (24), Amazon (7), Bloomberg (6) Printerest (15), Meta (12), Akuna Capital (7)	https://www.geeksforgeeks.org/write-your-own-atol/ https://www.geeksforgeeks.org/look-and-say-sequence/	https://www.youtube.com/watch?v=219XO8jwZCA https://www.youtube.com/watch?v=1NI9Ha294E0				
22 23	Comapre Version Numbers Text Justification	Medium Hard		Zoho (6), Amazon (3), TikTok (3) Moveworks (11), Twilio (7), Linkedin (6)	tps://www.geeksforgeeks.org/compare-two-version-number https://www.geeksforgeeks.org/word-wrap-problem-dp-19/	https://www.youtube.com/watch?v=MTSetP6kcR1				
	Two Pointers			Marian Wash				П		
24 25 26	Valid Palindrome Two Sum II Input Array is Sorted 3Sum	Medium Medium		Meta (63), Yandex (8), Amazon (5) Meta (4), Yahoo (4), Amazon (3) Meta (52), Amazon (21), Google (14)	tos://www.geeksforgeeks.org/check-if-a-string-is-palindrom https://www.geeksforgeeks.org/two-pointers-technique/ //www.geeksforgeeks.org/find-a-triplet-that-sum-to-a-given-	https://www.youtube.com/watch?v=cQ10z4ckceM				
26 27	Stem Trapping Rain Water	Medium Medium		Meta (52), Amazon (21), Google (14) Goldman Sachs (43), Amazon (41), Google (15)						
28	Sliding Window Longest Substring Without Repeating Characters	Medium		Amazon (39), Microsoft (21), Meta (17)	aforgeeks.org/length-of-the-longest-substring-without-repe					
29 30	Longest Repeating Character Replacement Minimum Size Subarray Sum	Medium Medium		Google (11), Facebbok (6), Amazon (6) Meta (3), Amazon (3), Citadel (3)	pecksforgeeks.org/longest-substring-without-repeating-char geeksforgeeks.org/minimum-length-subarray-sum-greater-	https://www.youtube.com/watch?v=goXU1UyA8pk https://www.youtube.com/watch?v=aYgYMlgZx5s		ä		
31 32	Permutation In String Minimum Window Substring	Medium Hard		Yandex (11), Adobe (7), Google (3) Meta (23), Amazon (5), Google (5)	ksforgeeks.org/check-whether-two-strings-are-permutation s.org/find-the-smallest-window-in-a-string-containing-all-chi	https://www.youtube.com/watch?v=UbyhOgBN834 https://www.youtube.com/watch?v=jStobO4AJbM				
33	Sliding Window Maximum	Hard		Amazon (16), Microsoft (9), Google (5)	sforgeeks.org/sliding-window-maximum-maximum-of-all-su	https://www.youtube.com/watch?v=DfljaUwZsOk				
34 35	Matrix Valid Sudoku Spiral Matris	Medium Medium		SIG (12), Amazon (11), Apple (8) Amazon (9), Microsoft (8), Meta (6)	/www.geeksforgeeks.org/check.if-a-given-sudoku-is-valid-o ts://www.geeksforgeeks.org/print-a-given-matrix-in-spiral-fo			8		
36 36 37	Sporal Matrix Rotate Image Set Matrix Zeroes	Medium Medium		Amazon (9), Microsoft (8), Meta (6) Amazon (16), Google (7), Microsoft (6) Meta (8), Amazon (6), Adobe (6)	s://www.geeksforgeeks.org/inplace-rotate-square-matrix-in-spiral-to- ww.geeksforgeeks.org/inplace-rotate-square-matrix-by-90-c https://www.geeksforgeeks.org/a-boolean-matrix-question/	https://www.youtube.com/watch?v=fMSJSS7eO1w				
38	Game of Life	Medium		Microsoft (5), Amazon (4), DoorDash (3)	ww.geeksforgeeks.org/conways-game-of-life-using-multi-th	https://www.youtube.com/watch?y=fei4bJQdBUQ		ä		
39	Searching & Sorting Binary Search			Google (8), Apple (6), Microsoft (4)	https://www.geeksforgeeks.org/binary-search/	https://www.youtube.com/watch?v=s4DPM8ct1pl				
40 41	Search Insert Position Find Peak Element	Easy Medium		Microsoft (5), Apple (4), Google (3) Meta (88), Amazon (11), Apple (7)	ww.geeksforgeeks.org/search-insert-position-of-k-in-a-sorte https://www.geeksforgeeks.org/find-a-peak-in-a-given-array/	https://www.youtube.com/watch?v=K-RYzDZkzCl https://www.youtube.com/watch?v=kMzJv9es7Hc				
42 43	Find First and Last Position of Element in Sorted Array Search a 2D Matrix	Medium Medium		Amazon (12) Meta (7) Bloomhern (7)	ksforgeeks.org/find-first-and-last-positions-of-an-element-in- geeksforgeeks.org/search-in-row-wise-and-column-wise-so	https://www.youtube.com/watch?v=Ber2pi2C0j0				
44 45	Koko Eating Bananas Find Minimum In Rotated Sorted Array	Medium Medium			https://www.geeksforgeeks.org/painters-partition-problem/ geeksforgeeks.org/find-minimum-element-in-a-sorted-and-n	https://www.youtube.com/watch?v=U2SozAs9RzA https://www.youtube.com/watch?v=nIVW4P8b1VA				
46 47 48	Search In Rotated Sorted Array Search Suppositions System Time Based Key Value Store	Medium Medium Medium		Amazon (17), Meta (14), TikTok (10) DoorDash (14), Salesforce (12), Amazon (7) Gusto (16), Lyft (7), Apple (6)	w.geeksforgeeks.org/search-an-element-in-a-sorted-and-piv- ps://www.geeksforgeeks.org/auto-complete-feature-using-tr	https://www.youtube.com/watch?v=D4T2N0yAr20				
49	Median of Two Sorted Arrays	Hard		Amazon (26), Meta (12), Google (10)	Iwww.geeksforgeeks.org/design-a-key-value-store-data-stru ww.geeksforgeeks.org/median-of-two-sorted-arrays-of-differ	https://www.youtube.com/watch?y=q6lEA26hvXc		ä		
50	Hashing Ransom Note			Spotify (6), Meta (5), Adobe (5)	geeksforgeeks.org/check-if-a-string-can-be-obtained-by-shu	https://www.unutube.com/watch?vshYzvVCfbwXM				
51 52	lacmorphic Strings Word Pattern				eksforgeeks.org/check-if-two-given-strings-are-isomorphic- ww.geeksforgeeks.org/find-if-a-given-pattern-exists-in-a-stri	https://www.youtube.com/watch?v=7yF-U1hLEqQ				
53 54	Valid Anagram Contains Duplicate			Apple (10), Amazon (7), Meta (6) Amazon (9), Bloomberg (6), Meta (5)	geeksforgeeks.orgicheck-whether-two-strings-are-anagram- geeksforgeeks.orgicheck-if-a-string-contains-any-duplicate	https://www.youtube.com/watch?v=9UtinBqnCgA https://www.youtube.com/watch?v=3OamzN90kPg				
55	Longast Consecutive Sequence	Medium		Amazon (17), Google (13), Bloomberg (8)	s://www.geeksforgeeks.org/longest-consecutive-subsequer	https://www.youtube.com/watch?v=P6RZZMu_maU				
56 57	Linked Lists Reverse Linked List Middle of the Linked List			Microsoft (12), Amazon (8), Apple (5) Amazon (7), Apple (4), Adobe (3)	https://www.geeksforgeeks.org/roverse-a-linked-list/	https://www.youtube.com/watch?v=G0_LZF0S38				
58 59	Merge Two Sorted Lists Reorder Lists	Easy Medium		Meta (14), Amazon (11), Microsoft (9) Amazon (6), Adobe (6), Microsoft (3)	ttps://www.geeksforgeeks.org/marge-two-sorted-linked-lists ://www.geeksforgeeks.org/rearrange-a-given-linked-list-in-p	https://www.youtube.com/watch?v=Xldigk956u0				
60 61	Remove Nth Node From End of List Add Two Numbers	Medium Medium		Meta (19), Amazon (12), Microsoft (7)	ww.geeksforgeeks.org/remove-nth-node-from-end-of-the-lin ww.geeksforgeeks.org/add-two-numbers-represented-by-lini	https://www.youtube.com/watch?v=XVuQxVei6y8		2		
62 63	Linked List Cycle Linked List Cycle II	Easy Medium		Amazon (6), Google (3), Godman Sachs (3) TikTok (3), Google (2), Apple (2)	https://www.geeksforgeeks.org/detect-loop-in-a-linked-list/	https://www.youtube.com/watch?v=gBTe7iFR3vc		■		
64 65	Partition List Rotate List	Medium Medium		Adobe (4), Google (3), Microsoft (2) Amazon (6), Adobe (3), Bloomberg (2)	is.org/partitioning-a-linked-list-around-a-given-value-and-ke https://www.geeksforgeeks.org/rotate-a-linked-list/	https://www.youtube.com/watch?v=KT1iUciJr4g				
66 67	Copy List with Random Pointer Find The Duplicate Number	Medium Medium		Meta (58), Amazon (13), Microsoft (5) Amazon (8), Meta (6), Adobe (6)	w.geeksforgeeks.org/clone-linked-list-next-random-pointer- geeksforgeeks.org/find-the-duplicate-number-in-an-array-of-	https://www.youtube.com/watch?v=5Y2EiZST97Y https://www.youtube.com/watch?v=wiYnzkAhcNk				
68 69	LRU Cache Reverse Nodes In K Group	Medium Hard		Meta (68), Microsoft (51), Amazon (46)	https://www.geeksforgeeks.org/ru-cache-implementation/ ://www.geeksforgeeks.org/reverse-a-list-in-groups-of-given-	https://www.youtube.com/watch?v=7ABFKPK2hD4				
	Stacks & Queues									
70 71 72	Valid Parentheses Next Greater Element I Implement Stack Using Queues			Amazon (31), BlackRock (23), Meta (21) Amazon (11), Apple (5), Meta (3) Amazon (2), Adobe (2), Apple (2)	.geeksforgeeks.org/check-for-balanced-parentheses-in-an- https://www.peeksforgeeks.org/next-greater-element/ ttps://www.geeksforgeeks.org/implement-stack-using-gueue	https://www.youtube.com/watch?v=8BDKB2yuGyg				
72 73 74	Implement Stack Using Queues Min Stack Evaluate Reverse Polish Notation	Medium Medium		Amazon (2), Adobe (2), Apple (2) Bloomberg (13), Amazon (8), Microsoft (7) Amazon (13), Google (5), Linedin (5)	ttps://www.geeksforgeeks.org/implement-stack-using-queue geeksforgeeks.org/design-and-implement-special-stack-dat eks.org/evaluate-the-value-of-an-arithmetic-expression-in-n	https://www.voutube.com/watch?v=okU7nAwDPo				
75 76	Online Stock Span Minimum Remove to Make Valid Parentheses	Medium Medium		Amazon (5), Google (2), Apple (2) Meta (178), Google (6), Bloomberg (4)	https://www.geeksforgeeks.org/the-stock-span-problem/ is.org/minimum-number-of-bracket-swaps-needed-to-make-	https://www.youtube.com/watch?v=sfYh6ZNEqSw https://www.youtube.com/watch?v=mgQ4C9iUEbg				
77 78	Daily Temperatures Simplify Path	Medium Medium		Amazon (8), Meta (6), Google (4) Meta (97), Google (5), Amazon (4)	https://www.geeksforgeeks.org/next-greater-element/ ps://www.geeksforgeeks.org/simplify-directory-path-unix-lik	https://www.youtube.com/watch?v=cTBiBSnjO3c https://www.youtube.com/watch?v=qYIHrAKJfyA				
79 80	Largest Rectangle in Histogram Basic Calculator	Hard Hard		Amazon (9), Zynga (6), Google (5) Meta (8), Microsoft (4), Google (3)	s://www.geeksforgeeks.org/largest-rectangle-under-histogr https://www.geeksforgeeks.org/expression-evaluation/	https://www.youtube.com/watch?v=zx5Sw9138L0 https://www.youtube.com/watch?v=zxJ-J8SQqdk				
	Recursion & Backtracking	Medium		Mate (99) Account of the Control	and house analysis and the same of the sam	Marilana		2		
81 82 83	Subsets Combination Sum Combination Sum II	Medium Medium Medium		Airbnb (4), Meta (3), TikTok (3)	ps://www.geeksforgeeks.org/backtracking-to-find-all-subset https://www.geeksforgeeks.org/combinational-sum/ eksforgeeks.org/combinational-sum-part-2-problem-repetition	https://www.voutube.com/watch?v=r8A3t6BDDwg				
84 85	Dacode String Generate Parentheses	Medium Medium		Uber (8), Oracle (7), TikTok (6) Amazon (17), Adobe (5), Yahoo (5)	rgeeks.org/decode-a-string-recursively-encoded-as-countfo wigeeksforgeeks.org/orint-all-combinations-of-balanced-par	https://www.youtube.com/watch?v=qBfzZpBJlh8 https://www.youtube.com/watch?v=s9fokUoJ76A				
86 87	Subsets II Combinations	Medium Medium		Yahoo (5), Microsoft (4), Bloomberg (4) Amazon (2), Microsoft (2), Apple (2)	//www.geeksforgeeks.org/print-all-subsets-of-given-size-of- eeks.org/print-all-possible-combinations-of-r-elements-in-a	https://www.youtube.com/watch?v=Vn2v6ajA7U0 https://www.youtube.com/watch?v=q0s6m7AiM7o				
88 89	Permutations Word Search	Medium Medium		Amazon (5), Apple (4), Yahoo (4) Amazon (10), Meta (7), Microsoft (6)	//www.geeksforgeeks.org/python-itertools-permutations-fun //www.geeksforgeeks.org/search-a-word-in-a-2d-grid-of-char	https://www.youtube.com/watch?v=s7AvT7cGdSo https://www.youtube.com/watch?v=pfiQ_PS1g8E				
90 91 92	Letter Combinations of a Phone Number Maximum Length of a Concatenated String With Unique Characters Permutation Sequence	Medium Medium Hard		Amazon (18), Meta (16), Apple (9) Amazon (4), Microsoft (4), Adobe (2) Google (3), Amazon (2), Adobe (2)	acgeeksforgeeks.org/iterative-letter-combinations-of-a-phoneeks.org/find-the-maximum-length-of-concatenated-string-whites://www.geeksforgeeks.org/find-permutation-sequence/	https://www.youtube.com/watch?v=210uwqlC58E https://www.youtube.com/watch?v=d48Puvkaeoo				
92	Permutation Sequence N. Queens	Hard Hard			https://www.geeksforgeeks.org/ind-permutation-sequence/ ps://www.geeksforgeeks.org/in-queen-problem-backtracking					
94	Trees Maximum Depth of Binary Tree			Amazon (7), Google (5), Apple (4)	lorgesks.org/write-a-c-program-to-find-the-maximum-depth-	https://www.youtube.com/watch?v=hTM3ohVNYO				
96 96	Same Tree Invert Binary Tree			Amazon (8), Apple (5), Google (4) Apple (5), Amazon (4), Microsoft (3)	geeksforgeeks.org/write-c-code-to-determine-if-two-trees-a https://www.geeksforgeeks.org/invert-construct-binary-tree/	https://www.youtube.com/watch?v=vRbbcKXCxOw		Ö		
97 98	Symmetric Tree Subtree of Another Tree			Amazon (7), Apple (6), Yandex (6) Amazon (2), Uber (2), Google (2)	geeksforgeeks.org/symmetric-tree-tree-which-is-mirror-ima eeksforgeeks.org/check-if-a-binary-tree-is-subtree-of-anothe	https://www.youtube.com/watch?y=Mao9uzxwvmc https://www.youtube.com/watch?y=E3605SWp-LE		0		
99 100	Diameter of Binary Tree Balanced Binary Tree			Meta (73), Amazon (6), Google (5) Amazon (4), Meta (4), Adobe (4)	https://www.geeksforgeeks.org/idiameter-of-a-binary-tree/ ww.geeksforgeeks.org/how-to-determine-if-a-binary-tree-is-t	https://www.youtube.com/watch?v=QfJsau0ItOY				
101 102 103	Merge Two Binary Trees Path Sum Minimum Distance between BST Nodes			Meta (4), Amazon (2), Apple (2) Google (5), Amazon (3), Meta (3) Google (1), Wix (1)	www.geeksforgeeks.org/merge-two-binary-tress-by-doing-no ww.geeksforgeeks.org/root-to-leaf-path-sum-equal-to-a-giver //www.geeksforgeeks.org/minimum-distance-between-bst-o	https://www.youtube.com/watch?v=QHH6rlK3dDQ https://www.youtube.com/watch?v=LSKQyOz_P8l https://www.youtube.com/watch?v=loox4hTYwcw				
104	Sonstruct String From Binary Tree Lowest Common Ancestor of a Binary Search Tree	Medium Medium		Amazon (3), Adobe (2) Amazon (4), Linkedin (4), Adobe (4)	ps://www.geeksforgeeks.org/construct-string-from-binary-tr-	https://www.youtube.com/watch?v=b1WpYxnusbQ https://www.youtube.com/watch?v=qs2LMfuQR9k				
106 107	Sum Root to Leaf Numbers Flatten Binary Tree to Linked List	Medium Medium		Meta (47), Microsoft (3), Amozon (2) Medial Inet (6), Meta (5), Amazon (5)	forgeeks.org/sum-of-all-the-numbers-that-are-formed-from- s://www.peeksforgeeks.org/flatten-a-binary-tree-into-linked-	https://www.youtube.com/watch?v=Jk16IZGFWxE https://www.youtube.com/watch?v=/KnD7rLT0II		ä		
108 109	Binary Tree Right Side View Find Duplicate Subtrees	Medium Medium		Meta (76), Amazon (7), TikTok (5) Amazon (4), Bloomberg (4), Microsoft (3)	https://www.geeksforgeeks.org/print-right-view-binary-tree-2 https://www.geeksforgeeks.org/find-duplicate-subtrees/	https://www.youtube.com/watch?v=d4zi.yf32e3l https://www.youtube.com/watch?v=kn0Z5_qPPzY				
110	Unique Binary Search Trees Time Needed to Inform All Employees	Medium Medium		Apple (4), Microsoft (3), Clari (3) Amazon (5), Microsoft (4), Google (3)	https://www.geeksforgeeks.org/unique-binary-search-trees/ ://www.geeksforgeeks.org/time-needed-to-inform-all-employ	https://www.youtube.com/watch?v=Qx0TenN3Zpg https://www.youtube.com/watch?v=zdBYi0p4L5Q				
112 113 114	Binary Tree Zigzag Level Order Traversal Binary Tree Vertical Order Traversal Largest BST Subtree	Medium Medium Medium		Amazon (11), Microsoft (5), Meta (5) Meta (220), Amazon (7), Microsoft (3) Meta (3), TikTok (3), Amazon (2)	https://www.geeksforgeeks.org/zigzag-tree-traversal/ s://www.geeksforgeeks.org/print-binary-tree-vertical-order-s- .geeksforgeeks.org/find-the-largest-subtree-in-a-tree-that-is-	https://www.youtube.com/watch?v=igbboQbiwgw https://www.youtube.com/watch?v=q_a6lpbKJdw		H		
114 115 116	Largust BST Subtree Binary Tree Level Order Traversal Find Bottom Left Tree Value	Medium Medium Medium		Meta (3), TikTok (3), Amazon (2) Amazon (4), Bloomberg (4), TikTok (4) Bloomberg (3), Adobe (2), Amazon (2)	tgeeksforgeeks.org/find-the-largest-subtree-in-a-tree-that-is https://www.geeksforgeeks.org/fevel-order-tree-traversal/ https://www.geeksforgeeks.org/find-bottom-left-tree-value/	https://www.youtube.com/watch?v=6ZnyEApgFYg		Ä		
117	Boundary of Binary Tree Count Good Nodes In Binary Tree	Medium Medium		Amazon (5), Meta (3), Apple (3) Microsoft (3), Amazon (3), Google (3)	ps://www.geeksforgeeks.org/boundary-traversal-of-binary-tr ps://www.geeksforgeeks.org/count-good-nodes-in-binary-tr	https://www.youtube.com/watch?v=0ca1nvR0be4 https://www.youtube.com/watch?v=7cp5imvDzl4		ä		
119 120	Validate Binary Search Tree Kth Smallest Element In a BST	Medium Medium		Amazon (6), TikTok (6), SIG (6) Uber (6), Bloomberg (4), Microsoft (4)	w.geeksforgeeks.org/a-program-to-check-if-a-binary-tree-is- rgeeks.org/kth-smallest-element-in-bst-when-modification-to-	https://www.youtube.com/watch?v=s6ATEkipzow https://www.youtube.com/watch?v=5LUXSvimGCw				
121	Construct Binary Tree From Preorder And Inorder Traversal Minimum Time to Collect All Apples in a Tree	Medium Medium		Bloomberg (8), Amazon (6), Adobe (4) Meta (9)	gksforgeeks.org/construct-tree-from-given-inorder-and-prec zww.geeksforgeeks.org/minimum-time-to-collect-all-apples-i	https://www.youtube.com/watch?v=Xdt5Z583auM				
123 124 125	Convert BST to Greater Tree Maximum Sum BST in Binary Tree Binary Tree Maximum Path Sum	Medium Hard Hard		Amazon (5), Meta (2), Adobe (2) Meta (3), Amazon (1) Citadel (28), DoorDash (24), Meta (9)	https://www.geeksforgeeks.org/transform-a-bst-to-sum-tree/ ps://www.geeksforgeeks.org/maximum-sum-bst-in-binary-tr	https://www.youtube.com/watch?v=Zz7R9H9j2kl				
125 126	Binary Tree Maximum Path Sum Serialize And Deserialize Binary Tree	Hard Hard		Citadel (28), DoorDash (24), Meta (9) Microsoft (9), Amazon (7), DoorDash (6)	www.geeksforgeeks.org/find-maximum-path-sum-in-a-binar tps://www.geeksforgeeks.org/serialize-deserialize-binary-tre	https://www.youtube.com/watch?v=u4JAi2JJhl8		H		

	Graphs					_	
127 128	Island Perimeter Verifying an Alien Dictionary		Oracle (4), Bloomberg (4), Amazon (2) Meta (13), Amazon (4), Uber (2)	eksforgeeks.org/find-perimeter-of-shapes-formed-with-ts-in ttps://www.geeksforgeeks.org/verifying-an-alien-dictionary	https://www.youtube.com/watch?v=fiSluAFRM2s	Not Attempted Not Attempted	
129	Find the Town Judge		Amazon (4), Microsoft (2), Apple (2)	https://www.geeksforgeeks.org/find-the-town-judge/	https://www.youtube.com/watch?v=QiGaxdUINJ8	Not Attempted	
130 131	Number of Islands Clone Graph	Medium	Amazon (43), Meta (35), Microsoft (23) Meta (35), Apple (5), Amazon (4)	https://www.geeksforgeeks.org/find-number-of-islands/ https://www.geeksforgeeks.org/clone-an-undirected-graph/		Not Attempted	
132	Walls And Gates	Medium	DoorDash (28), Amazon (4), Uber (3)	//www.geeksforgeeks.org/walls-and-gates-problem-dfs-solu	https://www.youtube.com/watch?v=e69C6xhiSQE	Not Attempted	
133	Rotting Oranges Pacific Atlantic Water Flow	Medium Medium	Amazon (10), TikTok (10), Uber (7) Google (8), Amazon (8), Uber (4)	https://www.geeksforgeeks.org/pacific-atlantic-water-flow/	https://www.youtube.com/watch?v=y704fE0x0s0	Not Attempted	
135	Surrounded Regions	Medium	Bloomberg (4), TikTok (4), Meta (2)	https://www.peeksforpeeks.org/surrounded-regions/	https://www.voutube.com/watch?v=9z2BunfoZ5Y	Not Attempted	
136 137	Course Schedule Course Schedule II	Medium	Meta (22), Amazon (16), Microsoft (10) Amazon (20), TikTok (10), Microsoft (7)	https://www.geeksforgeeks.org/course-schedule-problem/ https://www.geeksforgeeks.org/course-schedule-ii/	https://www.youtube.com/watch?v=Egi5nU9etnU https://www.youtube.com/watch?v=Akt3niAwvfY	Not Attempted	
138	Evaluate Division	Medium Medium	BlackRock (16), Uber (9), Amazon (8)	ttps://www.geeksforgeeks.org/evaluate-division-using-graph	https://www.youtube.com/watch?v=Usi1fwDoyKk	Not Attempted	
139	Graph Valid Tree Number of Connected Components in An Undirected Graph	Medium Medium	Linkedin (2), Meta (2), Salesforce (2) TikTok (4), Google (2), Amazon (2)	r geeksforgeeks orgicheck if a given undirected graph is a w. geeksforgeeks orgiconnected components in an undirect	https://www.youtube.com/watch?v=bXsUuownnoQ https://www.youtube.com/watch?v=8f1XPm4WOUc	Not Attempted Not Attempted	
141	Redundant Connection	Medium	Apple (5), TikTok (4), Amazon (3)	ps://www.geeksforgeeks.org/redundant-connection-in-a-gra	https://www.youtube.com/watch?v=FXWRE67PLL0	Not Attempted	
142 143	Cheapest Flights Within K Stops Min Cost to Connect All Points	Medium Medium	Amazon (6), TikTok (6), Meta (3) Microsoft (4), Amazon (3), Adobe (2)	tps://www.geeksforgeeks.org/cheapest-flights-within-k-stop v.geeksforgeeks.org/minimum-cost-to-connect-all-points-on	https://www.youtube.com/watch?v=5elK3zUdYmE https://www.youtube.com/watch?v=f7JOBJIC-NA	Not Attempted Not Attempted	
144	Network Delay Time	Medium	Amazon (4), Google (2), Adobe (2)	v.geeksforgeeks.org/network-delay-time-using-bellman-ford	https://www.youtube.com/watch?v=EaphyoKU4PQ	Not Attempted	
145 146	Snakes and Ladders Minimum Genetic Mutation	Medium Medium	Cisco (10), Amazon (3), Apple (2) Amazon (3), Microsoft (2), Apple (2)	tips://www.geeksforgeeks.org/snakes-and-ladders-problem- https://www.geeksforgeeks.org/minimum-penetic-mutation/	https://www.youtube.com/watch?v=6IH4nO3JfLk https://www.youtube.com/watch?v=H3k9FSv-t30	Not Attempted Not Attempted	
147	Word Ladder Alien Dictionary	Hard Hard	Amazon (25), Meta (9), Uber (5) Amazon (5), Meta (5), Bloomberg (3)	.org/word-ladder-find-shortest-path-such-that-adjacent-wor	https://www.youtube.com/watch?v=h9iTnkgv05E	Not Attempted Not Attempted	
148	Reconstruct Itinerary	Hard	Amazon (5), Meta (5), Bloomberg (3) Netflix (8), Meta (6), Google (4)	aforgeeks.orgialien-dictionary-find-order-of-characters-in-ai https://www.geeksforgeeks.org/reconstruct-itinerary/	https://www.youtube.com/watch?v=ZyB_gQ8yqGA	Not Attempted	
150	Swim In Rising Water	Hard	Uber (6), Amazon (3), Google (2)	https://www.geeksforgeeks.org/swim-in-rising-water/	https://www.youtube.com/watch?v=amvrKMLuGY	Not Attempted	
	Divide & Conquer						
151	Convert Sorted Array to Binary Search Tree		Adobe (3), Amazon (2), Microsoft (2)	https://www.geeksforgeeks.org/sorted-array-to-balanced-bst	https://www.youtube.com/watch?v=0K0uCMYq5ng	Not Attempted	
152 153	Sort List Construct Quad Tree	Medium Medium	Amazon (4), Meta (3), Adobe (3) Uber (10), Google (3), Amazon (2)	s:://www.geeksforgeeks.org/sort-a-linked-list-using-merge-s https://www.geeksforgeeks.org/guad-tree/	https://www.youtube.com/watch?v=TGveA1oFhrc https://www.youtube.com/watch?v=UQ-1sBMV0v4	Not Attempted Not Attempted	
	Kadane's Algorithms					0	
154	Maximum Subarray	Medium	Microsoft (15), Amazon (13), Bloomberg (10)	sforgeeks.org/maximum-subarray-sum-using-divide-and-co	https://www.voutube.com/watch?y=5WZI3MMT0Eq	Not Attempted	
155	Maximum Sum Circular Subarray	Medium		s://www.geeksforgeeks.org/maximum-contiguous-circular-s		Not Attempted	
	Heap (Priority Queue)						
156	Kth Largest Element in a Stream		Amazon (4), Meta (3), Apple (2)	tos://www.geeksforgeeks.org/kth-largest-element-in-a-stream	https://www.youtube.com/watch?v=hQjcdrqMoQ8	Not Attempted	
157 158	Last Stone Weight Kith Largest Element in an Array	Easy Medium	Nvidia (6), Amazon (6), Linkedin (4) Meta (152), Amazon (16), Google (13)	https://www.geeksforgeeks.org/last-stone-weight-problem/ www.geeksforgeeks.org/kth-smallestlargest-element-unsorte	https://www.youtube.com/watch?v=B-QCq79-Vfw	Not Attempted	
159	K Closest Points to Origin	Medium	Meta (62), Amazon (7), Google (4)	https://www.geeksforgeeks.org/k-closest-points-origin/	https://www.youtube.com/watch?v=rl2EBUEMfTk	Not Attempted	
160 161	Task Scheduler Find K Pairs with Smallest Sums	Medium Medium	TikTok (10), Google (5), DoorDash (5) Microsoft (2), Amazon (2), Linkedin (2)	https://www.geeksforgeeks.org/task-scheduling-problem/ //www.geeksforgeeks.org/find-k-pairs-smallest-sums-two-ar	https://www.youtube.com/watch?v=s8p8ukTyA2I	Not Attempted Not Attempted	
162	Top K Frequent Elements	Medium	Meta (67), Amazon (15), Bloomberg (7)	www.geeksforgeeks.org/find-k-numbers-occurrences-given	https://www.youtube.com/watch?v=YPTqKlqVk-k	Not Attempted	
163 164	Design Twitter Merge k Sorted Lists	Medium Hard	Uber (4), Coupang (3), Microsoft (3) Meta (43), Amazon (20), Microsoft (11)	https://www.geeksforgeeks.org/design-twitter/ https://www.geeksforgeeks.org/merge-k-sorted-linked-lists/	https://www.youtube.com/watch?v=pNichitDD2E	Not Attempted Not Attempted	
165	Find Median From Data Stream	Hard	Amazon (14), Meta (9), Microsoft (8)	rw.geeksforgeeks.org/median-of-stream-of-integers-running	https://www.youtube.com/watch?v=itmhHWaHupl	Not Attempted	
166	LEQ	Hard	Salesforce (3), Amazon (2), Zeta (2)	https://www.geeksforgeeks.org/ipo-initial-public-offering/	https://www.youtube.com/watch?v=1R/zNJ6TPEM	Not Attempted	
	Dynamic Programming						
167 168	Climbing Stairs Is Subsequence		Amazon (15), Meta (10), Zoho (9) Amazon (5), Bloomberg (4), Uber (4)	https://www.geeksforgeeks.org/climbing-stairs/ eks.org/ongest-subsequence-such-that-all-elements-of-sub	https://www.youtube.com/watch?v=Y0IT9Fck?ql	Not Attempted Not Attempted	
169	Best Time to Buy and Sell Stock		Amazon (28), Meta (13), Google (12)	isforgeeks.org/maximum-profit-by-buying-and-selling-a-sha	https://www.youtube.com/watch?v=1pkOgXD63yU	Not Attempted	
170 171	Pascal's Triangle Counting Bits		Amazon (8), Google (6), Microsoft (5) Adobe (4), Goldman Sachs (3), Amazon (2)	https://www.geeksforgeeks.org/pascal-triangle/ ww.geeksforgeeks.org/count-total-set-bits-in-all-numbers-fro	https://www.youtube.com/watch?v=nPVEaB3AiUM	Not Attempted Not Attempted	
172	Maximum Product Subarray	Medium	Wayfair (11), Amazon (8), LinkedIn (6)	https://www.peeksforpeeks.pro/maximum-product-subarray/	https://www.voutube.com/watch?v=IXVv6YWFcRM	Not Attempted	
173 174	Longest Increasing Subsequence Jum Game	Medium Medium	Amazon (16), Google (8), TikTok (6) Amazon (19), Adobe (8), Uber (5)	//www.geeksforgeeks.org/longest-increasing-subsequence- https://www.geeksforgeeks.org/jump-game/	https://www.voutube.com/watch?v=Yan0cv2cLv8	Not Attempted Not Attempted	
175	Longest Common Subsequence	Medium	Amazon (10), Apple (6), Microsoft (4)	¿//www.geeksforgeeks.org/longest-common-subsequence-c	https://www.youtube.com/watch?v=Ua0GhsJSIWM	Not Attempted	
176 177	Best Time to Buy and Sell Stock II House Robber	Medium Medium	Microsoft (9), Amazon (6), Adobe (4) Cisco (18), Amazon (11), Apple (8)	https://www.geeksforgeeks.org/stock-buy-sell/ seksforgeeks.org/maximum-sum-such-that-no-two-elements		Not Attempted Not Attempted	
178	House Robber II	Medium	Google (6), Apple (5), PhonePe (4)	sforgeeks.org/maximum-sum-such-that-no-two-elements-an	https://www.voutube.com/watch?v=rWAJCPYYOvM	Not Attempted	
179 180	Palindromic Substrings Longest Palindromic Substring	Medium Medium	Meta (14), Goldman Sachs (9), Citadel (5) Amazon (22), Cisco (19), Microsoft (11)	://www.geeksforgeeks.org/longest-palindromic-substring-s ://www.geeksforgeeks.org/longest-palindromic-substring-s	https://www.youtube.com/watch?v=4RACzl5-du8	Not Attempted	
181	Decode Ways	Medium	Amazon (9), Cisco (9), Commvault (7)	://www.geeksforgeeks.org/count-ways-decoded-given-sequi	https://www.youtube.com/watch?v=6aEvTiOwUU	Not Attempted	
182 183	Coin Change	Medium Medium	Amazon (10), Google (6), TikTok (5) Google (3), Amazon (3), Meta (2)	https://www.geeksforgeeks.org/coin-change-dp-7/ https://www.geeksforgeeks.org/coin-change-dp-7/	https://www.youtube.com/watch?v=H9bfqozjoqs https://www.youtube.com/watch?v=Miv4hd2xors	Not Attempted	
184	Word Break	Medium	Meta (12), Microsoft (11), Amazon (10)	https://www.geeksforgeeks.org/word-break-problem-dp-32/	https://www.youtube.com/watch?v=Sx9NNgInc3A	Not Attempted	
185 186	Unique Paths Unique Paths II	Medium Medium	Amazon (4), Meta (3), Apple (2) Meta (5), Google (2), Uber (2)	//www.geeksforgeeks.org/unique-paths-in-a-grid-with-obsta //www.geeksforgeeks.org/unique-paths-in-a-grid-with-obsta		Not Attempted	
187	Triangle	Medium	Amazon (5), Apple (4), Agoda (3)	ps://www.geeksforgeeks.org/minimum-path-sum-in-a-triang	https://www.youtube.com/watch?v=OM1MTokvxs4	Not Attempted	
188 189	Minimum Path Sum Interleaving String	Medium Medium	Godman Sachs (6), Google (3), Microsoft (3) Apple (5), Google (4), Media[.]net (4)	https://www.geeksforgeeks.org/min-cost-path-dp-6/ https://www.geeksforgeeks.org/interleaved-strings/	https://www.youtube.com/watch?v=pGMsrvt0fpk https://www.youtube.com/watch?v=3Rw3odLrovE	Not Attempted	
190	Best Time to Buy and Sell Stock with Cooldown	Medium	Amazon (5), Google (2), Apple (2)	https://www.geeksforgeeks.org/stock-buy-sell-cooldown/	https://www.youtube.com/watch?v=I7j0F7AHpb8	Not Attempted	
191 192	Partition Equal Subset Sum Target Sum	Medium	Google (5), Apple (5), Expedia (4) Meta (5), Amazon (4), Google (3)	https://www.geeksforgeeks.org/partition-problem-dp-18/ https://www.geeksforgeeks.org/target-sum-dp-20/	https://www.youtube.com/watch?v=lsvocB5BJhw https://www.youtube.com/watch?v=g0npyaQtAQM	Not Attempted	
193	Palindrome Partitioning	Medium	Meta (7), Amazon (6), Apple (3)	ttps://www.geeksforgeeks.org/palindrome-partitioning-dp-17	https://www.youtube.com/watch?v=3jvWodd7ht0	Not Attempted	
194 195	Longest Palindromic Subsequence Paint House	Medium Medium	Linkedin (4), Amazon (4), Cisco (4) Linkedin (4), Amazon (2)	https://www.geeksforgeeks.org/paint-house-problem/	https://www.youtube.com/watch?v=bUr8cNWI09Q https://www.youtube.com/watch?v=-w67-4tnH5U	Not Attempted	
196	Edit Distance	Medium	Google (6) Amazon (3) Microsoft (3)	https://www.geeksforgeeks.org/edit-distance-dp-5/	https://www.youtube.com/watch?v=XYi2-LPrwm4	Not Attempted	
197 198	Maximal Square Perfect Squares	Medium Medium	Google (3), Adobe (3), Booking[,]com (3) Adobe (7), Apple (3), Amazon (3)	seksforgeeks.org/maximum-size-sub-matrix-with-all-1s-in-a- eksforgeeks.org/ways-to-write-n-as-sum-of-two-or-more-pox	https://www.youtube.com/watch?v=6X7Ha2PrDmM https://www.youtube.com/watch?v=HLZLwizfvGo	Not Attempted	
199	Super Egg Drop	Hard	Amazon (2), Oracle (2), Google (1)	tps://www.geeksforgeeks.org/super-egg-drop-problem-dp-1	https://www.youtube.com/watch?v=3hcaVyX00_4	Not Attempted	
200 201	Maximum Profit in Job Scheduling Longest Increasing Path In a Matrix	Hard Hard	DoorDash (17), Pinterest (14), Airbnb (6) DoorDash (11), Meta (4), Apple (4)	s://www.geeksforgeeks.org/weighted-job-scheduling-log-n-t tos://www.geeksforgeeks.org/longest-increasing-path-matri	https://www.youtube.com/watch?v=ULoWc3v0SiE https://www.youtube.com/watch?v=wCc_nd-GiEc	Not Attempted	
202	Best Time to Buy and Sell Stock III	Hard	Bolt (7), Google (4), Microsoft (3)	forgeeks.org/maximum-profit-by-buying-and-selling-a-share	https://www.youtube.com/watch?v=37s1_xBigH0	Not Attempted	
203 204	Distinct Subsequences Burst Balloons	Hard Hard	Apple (6), Google (4), Amazon (4) PhonePe (11), Uber (8), Amazon (4)	ttps://www.geeksforgeeks.org/count-distinct-subsequences ps://www.geeksforgeeks.org/burst-balloon-to-maximize-coin		Not Attempted Not Attempted	
205	Regular Expression Matching	Hard	Amazon (8), Meta (5), Google (4)	https://www.geeksforgeeks.org/wildcard-pattern-matching/	https://www.youtube.com/watch?v=HAA8mgxlov8	Not Attempted	
208	Wildcard Matching	Hard	Amazon (5), Apple (3), Adobe (3)	ksforgeeks.org/dynamic-programming-set-2-optimal-substr	https://www.youtube.com/watch?v=ZmlQ3vgAQMo	Not Attempted	
	Greedy Algorithms						
207 208	Container With Most Water Two City Scheduling	Medium Medium	Amazon (35), Google (13), Microsoft (6)	https://www.gesksforgesks.org/container-with-most-water/	https://www.youtube.com/watch?v=UuiTKBwPgAo	Not Attempted Not Attempted	
209	Jump Game II	Medium	TikTok (5), Bloomberg (3), Amazon (2) Uber (7), Amazon (6), Goldman Sachs (5)	ttps://www.geeksforgeeks.org/two-city-scheduling-problem eksforgeeks.org/minimum-number-of-jumps-to-reach-end-ol	https://www.youtube.com/watch?v=dJ7sWiOoK7g	Not Attempted	
210 211	Gas Station Hand of Straights	Medium Medium	Microsoft (9), Amazon (8), Oracle (6) Google (2)	ps://www.geeksforgeeks.org/find-a-tour-that-visits-all-statio www.geeksforgeeks.org/check-if-a-given-hand-is-a-straight-i	https://www.youtube.com/watch?v=UwbPZGobSA https://www.youtube.com/watch?v=zamnrMCN4991	Not Attempted Not Attempted	
212	Merge Triplets to Form Target Triplet	Medium	Google (1)	s://www.geeksforgeeks.org/merge-triplets-to-form-target-trip	https://www.youtube.com/watch?v=kShkQLQZ9K4	Not Attempted	
213 214	Partition Labels Valid Parenthesis String	Medium Medium	Amazon (4), Linkedin (3), Meta (3) Microsoft (3), Amazon (3), ServiceNow (3)	s.org/partitioning-a-string-such-that-each-part-appears-in-th https://www.oeeksforgeeks.org/valid-parenthesis-string/	https://www.youtube.com/watch?v=B7m8UmZE-vw	Not Attempted Not Attempted	
214	The state of the s	medium	microsom (3), Amazon (3), ServiceNow (3)	THE SPENDENCE OF STREET PROPERTY STREET, STREE	THE CONTRACT OF THE CONTRACT O		
215	Intervals Summary Ranges		Yandev (15) Bloomhern (3) Liber (2)	https://www.peeksforgeeks.org/summary-ranges/	https://www.voutube.com/watch?v=ZHJDwbfgga8	bloc followed	
216	Insert Interval	Medium	Meta (6), Amazon (6), Apple (6)	https://www.geeksforgeeks.org/insert-interval/	https://www.youtube.com/watch?v=A8NUOm/wOIM	Not Attempted Not Attempted	
217 218	Merge Intervals Non-Overlapping Intervals	Medium Medium	Meta (77), Amazon (27), Microsoft (18) Meta (8), Microsoft (4), Apple (3)	https://www.geeksforgeeks.org/merging-intervals/ https://www.geeksforgeeks.org/mon-overlagging-intervals/	https://www.youtube.com/watch?v=44H3cEC2fFM https://www.youtube.com/watch?v=nONCGxWoUfM	Not Attempted Not Attempted	
219	Meeting Rooms		Apple (2), Google (2), Amazon (2)	https://www.geeksforgeeks.org/meeting-rooms-problem/	https://www.youtube.com/watch?v=PaJkgZVPhbg	Not Attempted	
220 221	Meeting Rooms II Minimum Number of Arrows to Burst Balloons	Medium Medium	Meta (17), TikTok (11), IBM (11) Amazon (4), Apple (2), Adobe (2)	https://www.geeksforgeeks.org/meeting-rooms-li/ vw.geeksforgeeks.org/minimum-number-of-arrows-to-burst-	https://www.youtube.com/watch?v=FdzJmTCVyJU https://www.youtube.com/watch?v=IPmkKnvNPrw	Not Attempted Not Attempted	
222	Tric Implement Tric (Prefix Tree)	Medium	Google (4), Square (3), Pinterest (3)	https://www.geeksforgeeks.org/trie-insert-and-search/	https://www.voutube.com/watch?uzwahuu-C HIAA	Not Attempted	
223	Design Add And Search Words Data Structure	Medium	Amazon (4), Google (3), Bloomberg (3)	eksforgeeks.org/trie-data-structure-algorithm-for-adding-se-	https://www.youtube.com/watch?v=BTf05gs_8iU	Not Attempted	
224 225	Longest Common Prefix Longest Word with All Prefixes	Easy Medium	Amazon (19), Google (14), Meta (13) Google (1)	s: I'www.geeksforgeeks.org/longest-common-prefix-using-t	https://www.youtube.com/watch?y=0sWShKUJoo4 https://www.youtube.com/watch?y=0sWShKUJoo4	Not Attempted Not Attempted	
226	Number of Distinct Substrings in a String	Medium	ServiceNow (3), Intuit (1), Dunzo (1)	ksforgeeks.org/number-of-distinct-substrings-in-a-string-us	https://www.youtube.com/watch?v=RV0QeTyHZxo	Not Attempted	
227 228	Maximum XOR of Two Numbers in an Array Extra Characters in a String	Medium Medium	Amazon (4), Google (1) Bloomberg (3), Amazon (2), Uber (2)	.geeksforgeeks.org/find-the-maximum-xor-of-two-numbers- https://www.geeksforgeeks.org/extra-characters-in-a-string/	https://www.voutube.com/watch?v=ElhAwfHubE8	Not Attempted Not Attempted	
229	Word Search II	Hard	Uber (13), Amazon (10), Meta (6)		https://www.youtube.com/watch?v=asbcE9mZz_U	Not Attempted	
	Disjoint Sets						
230	Find if Path Exists in Graph		Google (3), Microsoft (3), Amazon (2)	rgeeks.org/find-if-there-is-a-path-between-two-vertices-in-a	https://www.youtube.com/watch?v=knLFe7hEp3Y	Not Attempted	
231 232	Max Area of Island Making A Large Island	Medium Hard	Microsoft (7), Meta (7), Bloomberg (7) Meta (33), DoorDash (7), Bloomberg (4)	//www.geeksforgeeks.org/find-the-largest-island-in-a-given- https://www.geeksforgeeks.org/making-a-large-island/	https://www.voutube.com/watch?v=iJGr1OtmH0c	Not Attempted Not Attempted	
			(est poorpass (1) providing (4)	and the second s			
233	Segment Tree Range Sum Query - Immutable		Meta (4), Google (2), Adobe (2)	hww.geeksforgeeks.org/constant-time-range-sum-query-in	https://www.voodube.com/outsk-2col-Slands-Attiffs	Not Attempted	
234	Range Sum Query - Mutable	Medium	Amazon (3), TikTok (2), Bloomberg (2)	v.geeksforgeeks.org/range-sum-queries-and-updates-in-mut	https://www.youtube.com/watch?v=G9GRvQRtGOc	Not Attempted Not Attempted	
235	Count of Smaller Numbers After Self	Hard	Google (4), Apple (3), Bloomberg (3) Amazon (3), Adobe (2), Google (1)	//www.geeksforgeeks.org/count-smaller-elements-on-right-	https://www.youtube.com/watch?v=VOv2vY_Hg8Y	Not Attempted Not Attempted	
236	Count of Range Sum	Hard	Amazon (3), Adobe (2), Google (1)	https://www.geeksforgeeks.org/count-range-sum/	majorwww.youtube.com/watch/y=ILUAY2W0s0E	The Particular Land	
	Math & Geometry						
237 238	Integer to Roman Number of Sets of K Non-Overlapping Line Segments	Medium Medium	IBM (9), Google (7), Wix (6) Amazon (1)	s://www.goeksforgeeks.org/converting-decimal-number-rom geeksforgeeks.org/number-of-sets-of-k-non-overlapping-lin	https://www.youtube.com/watch?v=B29hS-VugVI	Not Attempted Not Attempted	
239	Happy Number	Easy	Accenture (12), BlackRock (8), Amazon (6)	https://www.geeksforgeeks.org/happy-number/	https://www.youtube.com/watch?v=ljz85bxOYJ0	Not Attempted	
240 241	Plus One Pow(x, n)	Easy Medium	Meta (105), Amazon (6), Apple (6)	pecksforgeeks.org/adding-one-to-number-represented-as-ar //www.geeksforgeeks.org/write-a-c-program-to-calculate-po	https://www.youtube.com/watch?v=I0YC3876qxg	Not Attempted Not Attempted	
242 243	Multiply Strings	Medium	Meta (11), Two Sigma (8), Amazon (5)	rw.geeksforgeeks.org/multiply-large-numbers-represented-a	https://www.youtube.com/watch?v=1vZswirL8Y8	Not Attempted	
243	Detect Squares	medium	Google (13), Amazon (2)	https://www.geeksforgeeks.org/detect-squares/	https://www.youtube.com/watch?v=bahebearrDc	Not Attempted	
	Bit Manipulation						
244 245	Single Number Number of 1 Bits		Amazon (11), Adobe (7), Meta (5) Amazon (6), Box (5), Qualcomm (3)	geeksforgeeks.org/find-the-element-that-appears-once-in-a- https://www.geeksforgeeks.org/count-set-bits-in-an-integer/		Not Attempted Not Attempted	
246	Add Binary		Google (4), Apple (3), Microsoft (3)	s://www.geeksforgeeks.org/program-to-add-two-binary-strin	https://www.youtube.com/watch?v=keuWJ47xG8g	Not Attempted	
247 248	Reverse Bits Missing Number		Meta (4), Apple (5), Amazon (2) Amazon (8), Adobe (4), Bloomberg (3)	https://www.geeksforgeeks.org/reverse-bits-of-a-number/ https://www.geeksforgeeks.org/find-the-missing-number/		Not Attempted Not Attempted	
249	Sum of Two Integers	Medium	Microsoft (3), Apple (3), Amazon (2)	seeksforgeeks.org/add-two-numbers-without-using-arithmet	https://www.voutube.com/watch?v=qq64FrA2UXQ	Not Attempted	
250	Reverse Integer	Medium	Amazon (13), Adobe (8), Google (6)	https://www.geeksforgeeks.org/reverse-digits-of-a-number/	https://www.youtube.com/watch?y=HAgLH58IgJQ	Not Attempted	

			InterviewCafe's 250 DSA	Sheet Tracker by Santosh Mishra			8
		This is a read-on	ly file. To use this DSA sheet, go to the 'File ment	u', select 'Make a Copy' of this sheet, a	nd you can now use it to track you	ur progress.	
	Get My Book: The Art of Data Structures and Algorithms	Difficulty Level	Ideal Time to Spend No. of Questions	Problem Rating	No. of Questions		
Toin the	Checkout InterviewCafe: https://bit.ly/InterviewCafe e InterviewCafe Community: https://bit.ly/InterviewCafeCommunity	Medium	5-10 mins 55 15-20 mins 162		17 51 108		
Join the	InterviewCafe Channel: https://bit.ly/InterviewCafeWhatsAppChannel	Hard	19-20 mms 162 40-80 mins 33		49		
	_For more Checkout: https://linktr.ee/iamsantoshmishra				и		
		How t	o best use of this DSA sheet?				
			nsistency by solving at least 2-3 problems every day, problems in the given sequence for effective learning.				
		· Use the "Status" field · Tick the "	to mark problems as "Not Started," "In Progress," or "Completed." Bookmark" field for questions you want to revisit later. ily or weekly targets and monitor your improvement.				
			ily or weekly targets and monitor your improvement. • video solutions and articles for better understanding. • isit bookmarked questions for effective revision.				
Serial	Problem Name	Difficulty Level	Problem Rating Top Companies and Frequency	Article	Video Solution	Status Bookmark	Remarks/Comments
	Arrays						
1 2	Two Sum Move Zeroes	Easy Easy	Amazon (96), Google (49), Microsoft (27) Meta (45), Google (9), Amazon (9)	https://www.geeksforgeeks.org/two-sum-problem/ https://www.geeksforgeeks.org/move-zeroes-end-array/	https://www.youtube.com/watch?v=KLIXCFG5TnA https://www.youtube.com/watch?v=aavNRwUN3Do	Solved Solved	
3	Remove Duplicayes from Sorted Array Merge Sorted Array		Meta (11), Amazon (11), Adobe (8) Meta (94), Amazon (40), Google (23)	ps://www.geeksforgeeks.org/remove-duplicates-sorted-arra https://www.geeksforgeeks.org/merge-two-sorted-arrays/	https://www.youtube.com/watch?v=DEJAZBq0FDA	Solved Not Attempted	
5	Majority Element Next Permutation	Easy Medium	Amazon (15), Google (11), Bloomberg (9)	https://www.gseksforgseks.org/majority-element/ ://www.gseksforgseks.org/lexicographic-permutations-of-st	https://www.youtube.com/watch?v=7pnhv842keE	Not Attempted Not Attempted	
7 8	4Sum H-Index	Medium Medium	Amazon (11), Bloomberg (6), Meta (4) Microsoft (3), Google (2), Adobe (2)	.geeksforgeeks.org/find-four-elements-that-sum-to-a-given- https://www.geeksforgeeks.org/h-index/	https://www.youtube.com/watch?v=EYeR1NRIQ https://www.youtube.com/watch?v=wiQiCfkv1mg	Not Attempted Not Attempted	
9	Rotate Array Insert Delete GetRandom O(1)	Medium Medium	Apple (9), Google (6), Amazon (6) Meta (12), Amazon (11), Yandex (8)	https://www.geeksforgeeks.org/array-rotation/	https://www.youtube.com/watch?v=BHr381Guz3Y	Not Attempted Not Attempted	
11	Eind the Duplicate Number Product of Array Except Self	Medium Medium	Amazon (8), Meta (6), Adobe (5) Amazon (22), Microsoft (14), Apple (9)	fesign-a-data-structure-that-supports-insert-delete-search-a geeksforgeeks.org/find-the-duplicate-number-in-an-array-of https://www.geeksforgeeks.org/a-product-array-puzzle/	https://www.youtube.com/watch?v=wjYnzkAhcNik https://www.youtube.com/watch?v=bNvlQl2wAjk	Not Attempted Not Attempted	
13	Subarray Sum Equals K Candy	Medium Hard	Meta (92), Yandex (10), Google (9)	'www.geeksforgeeks.org/number-subarrays-sum-exactly-eq- tos://www.geeksforgeeks.org/chocolate-distribution-probler	https://www.youtube.com/watch?v=fFVZt-6sgyo	Not Attempted Not Attempted	
	Strings		(-),			_	
15 16	STRINGS Encode and Decode Strings Find the Index of the First Occurrence in a String	Medium Easy	Meta (3), Amazon (3), Google (2) Amazon (9), Bloomberg (4), Apple (4)	www.geeksforgeeks.org/encode-string-with-shortened-string https://www.geeksforgeeks.org/implement-strate/	https://www.youtube.com/watch?v=B1k_sxQSqv8 https://www.youtube.com/watch?v=B1k_sxQSqv8	Not Attempted Not Attempted	
17	Reverse Words in a String Group Anacrams	Medium Medium	Microsoft (5), TikTok (5), Meta (4)	tps://www.geeksforgeeks.org/reverse-words-in-a-given-strin teksforgeeks.org/given-a-sequence-of-words-print-all-anapr	https://www.youtube.com/watch?v=vhnRAaJybpA	Not Attempted Not Attempted	
19 20	Roman to Integer String to Interper (atol)	Easy Medium		v.geeksforgeeks.org/converting-roman-numerals-decimal-ly https://www.geeksforgeeks.org/write-your-own-atol/	https://www.youtube.com/watch?v=3jdxYj3DD98	Not Attempted Not Attempted	
21 22	Count and Say Compare Version Numbers	Medium Medium	Printerest (15), Meta (12), Akuna Capital (7) Zoho (6), Amazon (3), TikTok (3)	https://www.geeksforgeeks.org/look-and-say-sequence/ tps://www.geeksforgeeks.org/compare-two-version-number	https://www.youtube.com/watch?v=INI9Ha294E0	Not Attempted Not Attempted	
23	Text Justification	Hard	Moveworks (11), Twilio (7), Linkedin (6)	https://www.geeksforgeeks.org/word-wrap-problem-dp-19/		Not Attempted	
24	Two Pointers Valid Palindrome	Easv	Meta (68), Yandex (8), Amazon (5)	tps://www.geeksforgeeks.org/check-if-a-string-is-palindrom	https://www.youtube.com/watch?viol.1X.1184/PENNA	Not Attempted	
25 26	Two Sum II Input Array is Sorted Signature	Medium Medium	Meta (4), Yahoo (4), Amazon (3) Meta (52), Amazon (21), Google (14)	https://www.geeksforgeeks.org/two-pointers-technique/ //www.geeksforgeeks.org/find-a-triplet-that-sum-to-a-given-	https://www.voutube.com/watch?v=cQ1Oz4ckceM	Not Attempted Not Attempted Not Attempted	
27	Trapping Rain Water	Medium	meta (32), Amazon (21), Google (14) Goldman Sachs (43), Amazon (41), Google (15)	https://www.geeksforgeeks.org/trapping-rain-water/	https://www.youtube.com/watch?y=Z12z5pq8TqA	Not Attempted Not Attempted	
28	Sliding Window Longest Substring Without Repeating Characters	Medium	Amazon (39), Microsoft (21), Meta (17)	sforgeeks.org/ength-of-the-innest-red-tring without	https://www.youtube.com/watch?	Not Attempted	
29 30	Longest Substring Without Replacement Longest Repeating Character Replacement Minimum Size Subarray Sum	Medium Medium	Amazon (39), Microsott (21), Meta (17) Google (11), Facebbok (6), Amazon (6) Meta (3), Amazon (3), Citadel (3)	sforgeeks.org/length-of-the-longest-substring-without-repe teeksforgeeks.org/longest-substring-without-repeating-char geeksforgeeks.org/minimum-length-subarray-sum-greater-	https://www.youtube.com/watch?v=gqXU1UyA8pk https://www.youtube.com/watch?v=gqXU1UyA8pk	Not Attempted	
31 32	Permutation In String Minimum Window Substring	Medium Hard	Yandex (11), Adobe (7), Google (3) Meta (23), Amazon (5), Google (5)	perkstorgeeks.org/minimum-length-subarray-sum-greater- iksforgeeks.org/check-whether-two-strings-are-permutation s.org/find-the-smallest-window-in-a-string-containing-all-chi	https://www.youtube.com/watch?v=UbyhOgBN834	Not Attempted Not Attempted Not Attempted	
33	Sliding Window Maximum	Hard	Amazon (16), Microsoft (9), Google (5) Amazon (16), Microsoft (9), Google (5)	sforgacks, orgisliding-window-maximum-maximum-of-all-su		Not Attempted	
34	Matrix Valid Sudoku	Medium	SIG (12), Amazon (11), Apple (8)	//www.geeksforgeeks.org/check-if-a-given-sudoku-is-valid-c	https://www.voutube.com/watch?vzPI7mMcP-w3h0	Not Attempted	
35 36	Spiral Matrix Solate Image	Medium Medium	Amazon (9), Microsoft (8), Meta (6) Amazon (16), Google (7), Microsoft (6)	s://www.geeksforgeeks.org/print-a-given-matrix-in-spiral-fo www.geeksforgeeks.org/inplace-rotate-square-matrix-by-90-c	https://www.youtube.com/watch?v=BJnMZNwUk1M https://www.youtube.com/watch?v=fMSJSS7eO1w	Not Attempted Not Attempted Not Attempted	
37	Set Matrix Zeroes Game of Life	Medium Medium	Meta (8), Amazon (6), Adobe (6)	https://www.geeksforgeeks.org/a-boolean-matrix-question/ www.geeksforgeeks.org/conways-game-of-life-using-multi-th	https://www.youtube.com/watch?v=T41rL0L3Priw	Not Attempted Not Attempted	
	Searching & Sorting						
39 40	Binary Search Search Insert Position	Easy Easy		https://www.geeksforgeeks.org/binary-search/ www.geeksforgeeks.org/search-insert-position-of-k-in-a-sorts		Not Attempted Not Attempted	
41 42	Find Peak Element Find First and Last Position of Element in Sorted Array.	Medium Medium	Meta (88), Amazon (11), Apple (7) Meta (26), Amazon (5), Intuit (5)	https://www.geeksforgeeks.org/find-a-peak-in-a-given-array/ ksforgeeks.org/find-first-and-last-positions-of-an-element-in-	https://www.youtube.com/watch?v=kMzJy9es7Hc https://www.youtube.com/watch?v=4sQL7R5vSUU	Not Attempted Not Attempted	
43 44	Search a 2D Matrix Koko Eating Bananas	Medium Medium	Amazon (12), Meta (7), Bloomberg (7) Amazon (28), Google (10), DoorDash (10)	geeksforgeeks.org/search-in-row-wise-and-column-wise-so https://www.geeksforgeeks.org/painters-partition-problem/	https://www.youtube.com/watch?v=Ber2pi2C0j0	Not Attempted Not Attempted	
45 46	Find Minimum In Rotated Sorted Array Search In Rotated Sorted Array	Medium Medium	Godman Sachs (9), Microsoft (6), Google (5)	geeksforgeeks.org/find-minimum-element-in-a-sorted-and-n w.geeksforgeeks.org/search-an-element-in-a-sorted-and-pio	https://www.youtube.com/watch?v=nIVW4P8b1VA	Not Attempted Not Attempted	
47 48	Search Suggestions System Time Based Key Value Store	Medium Medium	DoorDash (14), Salesforce (12), Amazon (7) Gusto (16), Lyft (7), Apple (6)	ps://www.geeksforgeeks.org/auto-complete-feature-using-tr //www.geeksforgeeks.org/design-a-key-value-store-data-stru	https://www.youtube.com/watch?v=D4T2N0yAr20 https://www.youtube.com/watch?v=fu2cD_6E8Hw	Not Attempted Not Attempted	
49	Median of Two Sorted Arrays	Hard	Amazon (26), Meta (12), Google (10)	yw.geeksforgeeks.org/median-of-two-sorted-arrays-of-differ	https://www.youtube.com/watch?v=q6lEA26hvXc	Not Attempted	
50	Hashing Ransom Note	Easy	Spotify (6), Meta (5), Adobe (5)	geeksforgeeks.org/check-if-a-string-can-be-obtained-by-shs	https://www.youtube.com/watch?v=bYzvVCfbwXM	Not Attempted	
51 52	Isomorphic Strings Word Pattern		Amazon (16), Yandex (12), Google (5) Amazon (4), Google (2), Meta (2)	eksforgeeks.org/check-if-two-given-strings-are-isomorphic- vw.geeksforgeeks.org/find-if-a-given-pattern-exists-in-a-strii	https://www.youtube.com/watch?v=7yF-U1hLEqQ https://www.youtube.com/watch?v=W_akoscmCbM	Not Attempted Not Attempted	
53 54	Valid Anagram Contains Duplicate		Amazon (9), Bloomberg (6), Meta (5)	eeksforgeeks.orgicheck-whether-two-strings-are-anagram- .geeksforgeeks.orgicheck-if-a-string-contains-any-duplicate	https://www.youtube.com/watch?v=30amzN90kPg	Not Attempted Not Attempted Not Attempted	
55	Longest Consecutive Sequence	Medium	Amazon (17), Google (13), Bloomberg (8)	s-l/www.geeksforgeeks.org/longest-consecutive-subsequer	https://www.youtube.com/watch?v=P6RZZMu_maU	Not Attempted	
56	Linked Lists Reverse Linked List	Easy	Microsoft (12), Amazon (8), Apple (5)	https://www.geeksforgeeks.org/reverse-a-linked-list/	https://www.youtube.com/watch?v=G0_I-ZF0S38	Not Attempted	
57 58	Middle of the Linked List Merge Two Sorted Lists	Easy Easy	Meta (14), Amazon (11), Microsoft (9)	://www.geeksforgeeks.org/find-the-middle-of-a-given-linked ttps://www.geeksforgeeks.org/merge-two-sorted-linked-lists	https://www.youtube.com/watch?v=Xldigk956u0	Solved Solved Not Attempted	
59 60 61	Remove Nth Node From End of List Add Two Numbers	Medium Medium Medium	Meta (19), Amazon (12), Microsoft (7)	Livew, geeksforpeeks, org/rearrange_a_given-linked-list-in-p ww.geeksforgeeks.org/remove-nth-node-from-end-of-the-lin ww.geeksforgeeks.org/add-two-numbers-represented-by-lin/	https://www.youtube.com/watch?v=XVuQxVej6y8	Not Attempted Solved Solved	
62	Linked List Cycle	Easy	Amazon (24), Google (14), Microsoft (11) Amazon (6), Google (3), Godman Sachs (3)	https://www.geeksforgeeks.org/detect-loop-in-a-linked-list/	https://www.youtube.com/watch?v=gBTe7iFR3vg	Solved Solved	
63 64	Linked List Cycle II Partition List	Medium Medium	TikTok (3), Google (2), Apple (2) Adobe (4), Google (3), Microsoft (2)	://www.geeksforgeeks.org/find-first-node-of-loop-in-a-linker is.org/partitioning-a-linked-list-around-a-given-value-and-ke	https://www.youtube.com/watch?v=pfAf/VuvwpVg https://www.youtube.com/watch?v=KT1iUciJr4g	Solved Not Attempted	
65 66	Rotate List Copy List with Random Pointer	Medium Medium	Amazon (6), Adobe (3), Bloomberg (2) Meta (53), Amazon (13), Microsoft (5)	https://www.geeksforgeeks.org/rotate-a-linked-list/ w.geeksforgeeks.org/clone-linked-list-next-random-pointer-	https://www.youtube.com/watch?v=UcGtPs2LE_c https://www.youtube.com/watch?v=5Y2EiZST97Y	Solved Not Attempted	
68	Find The Duplicate Number LRU Cache	Medium Medium	Amazon (8), Meta (6), Adobe (6) Meta (68), Microsoft (51), Amazon (46)	geeksforgeeks.org/find-the-duplicate-number-in-an-array-of https://www.geeksforgeeks.org/fru-cache-implementation/		Not Attempted	
60	Meverse Nodes In K Group	Hard	Microsoft (6), Snowflake (6), Google (6)	commitgeekstorgeeks.org/reverse-a-list-in-groups-of-given-	csups //www.youtube.com/watch?v=1UOPsfP85V4	Non-Attempted III	
70	Stocks & Queues Valid Parentheses	Easy	Amazon (31), BlackRock (23), Meta (21)	.geeksforgeeks.org/check-for-balanced-parentheses-in-an-	https://www.youtube.com/watch?v=WTzjTskDFMg	Solved	
71 72 73	Next Greater Element mplement Stack Using Queues	Easy Easy Medium	Amazon (11), Apple (5), Meta (3) Amazon (2), Adobe (2), Apple (2) Bloomberg (13), Amazon (8), Microsoft (7)	https://www.geeksforgeeks.org/inext-greater-element/ ttps://www.geeksforgeeks.org/implement-stack-using-guese	https://www.youtube.com/watch?v=rW4vm0-DLYc	Not Attempted Not Attempted	
73 74 75	Min Stack Evaluate Reverse Polish Notation Online Stock Span	Medium Medium Medium	Bloomberg (13), Amazon (8), Microsoft (7) Amazon (13), Google (5), Linedin (5) Amazon (5), Google (2), Apple (2)	geeks forgeeks, org/design, and-implement special-stack-dat eks, org/evaluate-the-value-of-an-arithmetic-expression-in-o https://www.geeksforgeeks.org/the-stock-span-problem/	https://www.voutube.com/watch?v=iu0082c4HDE	Not Attempted Not Attempted Not Attempted	
76 77	Online Stock Span Minimum Remove to Make Valid Parentheses Daily Temperatures	Medium Medium	Amazon (5), Google (2), Appte (2) Meta (178), Google (6), Bloomberg (4) Amazon (8), Meta (6), Google (4)	https://www.geeksforgeeks.org/the-stock-span-problem/ is.org/minimum-number-of-bracket-swaps-needed-to-make- https://www.geeksforgeeks.org/next-greater-element/	https://www.youtube.com/watch?v=mgQ409iUEbg	Not Attempted Not Attempted	
78 79	Simplify Path Largest Rectangle in Histogram	Medium Hard	Meta (97), Google (5), Amazon (4) Amazon (9), Zynga (6), Google (5)	ps://www.geeksforgeeks.org/simplify-directory-path-unix-lib ps://www.geeksforgeeks.org/simplify-directory-path-unix-lib ps://www.geeksforgeeks.org/simpest-rectangle-under-histogr	https://www.youtube.com/watch?y=qYIHrAKJfyA	Not Attempted Not Attempted	
80	Basic Calculator	Hard	Meta (8), Microsoft (4), Google (5)	https://www.geeksforgeeks.org/expression-evaluation/		Not Attempted	
81	Recursion & Backtracking Subsets	Medium	Meta (23), Amazon (10), Google (5)	ps://www.geeksforgeeks.org/backtracking-to-find-all-subse	https://www.youtube.com/watch?v=REOH22Xwrlkir	Not Attempted	
82 83	Combination Sum Combination Sum II	Medium Medium	Airbnb (13), Meta (8), Google (7) Airbnb (4), Meta (3), TikTok (3)	https://www.geeksforgeeks.org/combinational-sum/ eksforgeeks.org/combinational-sum-part-2-problem-repetitie	https://www.youtube.com/watch?v=GBKI9V8KdGg	Not Attempted Not Attempted	
84 85	Decode String Generate Parentheses	Medium Medium	Uber (8), Oracle (7), TikTok (6) Amazon (17), Adobe (5), Yahoo (5)	rgeeks.org/decode-a-string-recursively-encoded-as-countfol w.geeksforgeeks.org/print-all-combinations-of-balanced-par	https://www.youtube.com/watch?v=qBfzZpBJlh8 https://www.youtube.com/watch?v=s9fokUqJ76A	Not Attempted Not Attempted	
86 87	Subsets II Combinations	Medium Medium	Yahoo (5), Microsoft (4), Bloomberg (4) Amazon (2), Microsoft (2), Apple (2)	J/www.geeksforgeeks.org/print_all_subsets_of-given-size_of- eeks.org/print_all_possible_combinations_of-r-elements-in-a	https://www.youtube.com/watch?v=Vn2v6ajA7U0 https://www.youtube.com/watch?v=q0s6m7AiM7o	Not Attempted Not Attempted	
88 89	Permutations Word Search	Medium Medium	Amazon (5), Apple (4), Yahoo (4) Amazon (10), Meta (7), Microsoft (6)	hwww.geeksforgeeks.org/python-itertools-permutations-fun www.geeksforgeeks.org/search-a-word-in-a-2d-grid-of-char	https://www.youtube.com/watch?v=s7AvT7cGdSo https://www.youtube.com/watch?v=pfiQ_PS1g8E	Not Attempted Not Attempted	
90 91	Letter Combinations of a Phone Number Maximum Length of a Concatenated String With Unique Characters	Medium Medium Hard	Amazon (18), Meta (16), Apple (9) Amazon (4), Microsoft (4), Adobe (2)	eaks.org/find-the-maximum-length-of-concatenated-string-e		Not Attempted Not Attempted	
92 93	Permutation Sequence N Queens	Hard Hard	Google (3), Amazon (2), Adobe (2) Amazon (6), Bloomberg (4), Meta (3)	https://www.geeksforgeeks.org/find-permutation-sequence/ ps://www.geeksforgeeks.org/in-queen-problem-backtracking		Not Attempted Not Attempted	
	Trees Maximum Depth of Binary Tree	Perm		because controlle a comment of the controller	http://www.under-control-contr	No. Allert Co.	
94 95 96	Maximum Depth of Binary Tree Same Tree Invert Binary Tree		Amazon (7), Google (5), Apple (4) Amazon (8), Apple (5), Google (4) Apple (5), Amazon (4), Microsoft (3)	orgeeks.org/write-a-c-program-to-find-the-maximum-depth- geeksforgeeks.org/write-c-code-to-determine-if-two-trees-a https://www.geeksforgeeks.org/invert-construct-binary-tree/	https://www.youtube.com/watch?v=vRbbcKXCxOw	Not Attempted Not Attempted	
96 97 98	Symmetric Tree Subtree of Another Tree		Appis (5), Amazon (4), Microsott (3) Amazon (7), Apple (6), Yandex (6) Amazon (2), Uber (2), Google (2)	attps://www.geesstorgeess.org/niver-construct-binary-tree- geeksforgeeks.org/symmetric-tree-tree-which-is-mirror-ima- geksforgeeks.org/sheck-if-a-binary-tree-is-subtree-of-anothy-	https://www.youtube.com/watch?v=Mao9uzxwvmc	Not Attempted	
99 100	Subtree of Another Free Diameter of Binary Tree Balanced Binary Tree		Amazon (2), Utber (2), Google (2) Meta (73), Amazon (6), Google (5) Amazon (4), Meta (4), Adobe (4)	https://www.geeksforgeeks.org/diameter-of-a-binary-tree/ ww.geeksforgeeks.org/diameter-of-a-binary-tree/ ww.geeksforgeeks.org/how-to-determine-if-a-binary-tree-is-binary-t	https://www.voutube.com/watch?v=bkxgA8Rfv04	Not Attempted Not Attempted Not Attempted	
101	Merge Two Binary Trees Path Sum		Meta (4), Amazon (2), Apple (2) Google (5), Amazon (3), Meta (3)	ew.geeksforgeeks.org/more-two-binary-tree-is-t www.geeksforgeeks.org/morge-two-binary-trees-by-doing-no cw.geeksforgeeks.org/root-to-leaf-path-sum-equal-to-a-giver	https://www.youtube.com/watch?v=QHH6rIK3dDQ	Not Attempted Not Attempted Not Attempted	
102 103 104	Path Sum Minimum Distance between BST Nodes Construct String From Binary Tree	Easy Medium	Google (s), Amazon (s), Meta (s) Google (1), Wix (1) Amazon (3), Adobe (2)	rw.geeksforgeeks.org/minimum-distance-between-bst-n ps://www.geeksforgeeks.org/minimum-distance-between-bst-n ps://www.geeksforgeeks.org/construct-string-from-binary-tr	https://www.youtube.com/watch?v=joxx4hTYwcw	Not Attempted Not Attempted	
104 105 106	Construct Straig From Binary Tree Lowest Common Ancestor of a Binary Search Tree Sum Root to Leaf Numbers	Medium Medium	Amazon (4), Linkedin (4), Adobe (4) Meta (47), Microsoft (3), Amozon (2)	v.geeks forgeeks.org/lowest-common-ancestor-in-a-binary-s forgeeks.org/sum-of-all-the-numbers-that-are-formed-from-	https://www.youtube.com/watch?v=gs2f.MfuOR9k https://www.youtube.com/watch?v=Jkt6fZGFWxE	Not Attempted Not Attempted Not Attempted	
	Sum Root to Leaf Numbers Flatten Binary Tree to Linked List Binary Tree Right Side View	Medium Medium	Meta (47), Microsott (3), Amozon (2) Media[,]net (6), Meta (5), Amazon (5) Meta (78), Amazon (7), TikTok (5)	storgeeks.org.sum-ot-all-the-numbers-that-are-tormed-from- s://www.geeksforgeeks.org/flatten-a-binary-tree-into-linked- ttps://www.geeksforgeeks.org/print-right-view-binary-tree-2	https://www.youtube.com/watch?v=rKnD7rLT08	Not Attempted Not Attempted	
	Find Duplicate Subtrees Unique Binary Search Trees	Medium Medium	Amazon (4), Bloomberg (4), Microsoft (3) Apple (4), Microsoft (3), Clari (3)	https://www.geeksforgeeks.org/find-duplicate-subtrees/ https://www.geeksforgeeks.org/unique-binary-search-trees/	https://www.youtube.com/watch?v=kn0Z5_gPPzY	Not Attempted Not Attempted	
107 108	unique binery Search Trees	Medium	Amazon (5), Microsoft (4), Google (3) Amazon (1), Microsoft (5), Mota (5)	://www.geeksforgeeks.org/time-needed-to-inform-all-employ https://www.geeksforgeeks.org/zigzag-tree-traversal/	https://www.youtube.com/watch?v=zdBYi8p4L5Q https://www.youtube.com/watch?v=igbboQbiwqw	Not Attempted Not Attempted	
107 108 109 110	Unique Binary Search Trees Time Needed to Inform All Employees Binary Tree Zigzag Level Order Traversal	Medium			https://www.voutube.com/watch?v=o_a6lobKJdw	Not Attempted	
107 108 109 110 111 112 113 114	Time Needed to Inform All Employees Binery Tree Zigaza Level Order Traversal Binery Tree Vertical Order Traversal Largest BST Subtree	Medium Medium	Meta (220), Amazon (7), Microsoft (3) Meta (3), TikTok (3), Amazon (2)	geeksforgeeks.org/find-the-largest-subtree-in-a-tree-that-is	https://www.youtube.com/watch?v=X0oXMdtUDwo	Not Attempted	
107 108 109 110 111 112 113 114 115 116	Time Needed to Inform All Emotyceas Binary Tree Sizinas Level Order Proversal Binary Tree Vertical Order Treversal Binary Tree Vertical Order Treversal Largest 851 Subtree Binary Tree Level Order Treversal Find Bottom Left Tree Value	Medium Medium Medium Medium	Meta (220), Amazon (7), Microsoft (3) Meta (3), TikTok (3), Amazon (2) Amazon (4), Bloomberg (4), TikTok (4) Bloomberg (3), Adobe (2), Amazon (2)	geeksforgeeks, orgifind-the-largest-subtree-in-a-tree-that-is https://www.geeksforgeeks.orgifevel-order-tree-traversal/ https://www.geeksforgeeks.orgifind-bottom-left-tree-value/	https://www.youtube.com/watch?v=XfoXMdtUDwo https://www.youtube.com/watch?v=8ZnyEApgFYg https://www.youtube.com/watch?v=u_by_cTsNJA	Not Attempted Not Attempted Not Attempted	
107 108 109 110 111 112 113 114 115 116 117	Times Nessdard to Inform All Emologouss Bissey Time Zigosa Level Cortec Traversal Bissey Times Zigosa Level Cortec Traversal Bissey Times Verificial Order Traversal Learness BEST, Buddens Bissey Times Level Order Traversal First Bestom Left Times Value Bissey Times Level Cortec Traversal First Bestom Left Times Value Bissey Times Level Cortec Traversal First Bestom Left Times Value Bissey Cortect Occord Biodes in Bissey Times Cortect Occord Biodes in Bissey Times	Medium Medium Medium Medium Medium Medium	Meta (229), Amazon (7), Microsoft (3) Meta (3), TikTok (3), Amazon (2) Amazon (4), Bloomberg (4), TikTok (4) Bloomberg (3), Adobe (2), Amazon (2) Amazon (5), Meta (3), Applia (3) Microsoft (3), Amazon (5), Google (3)	geeksforgeeks, orgifind-the-largest-subtree-in-a-tree-that-is- https://www.geeksforgeeks.org/level-order-tree-tree-order- https://www.geeksforgeeks.org/boundary-traversal-of-binary-tr- ps://www.geeksforgeeks.org/boundary-traversal-of-binary-tr- ps://www.geeksforgeeks.org/bound-good-oodes-in-binary-tr- ps://www.geeksforgeeks.org/bound-good-oodes-in-binary-tr-	https://www.youtube.com/watch?v=X0oXMdtUDwo https://www.youtube.com/watch?v=XnyEAppEYg https://www.youtube.com/watch?v=u_by_cTsN.iA https://www.youtube.com/watch?v=UcsTkB0e4 https://www.youtube.com/watch?v=7cpSinvDzi4	Not Attempted Not Attempted Not Attempted Not Attempted Not Attempted Not Attempted	
107 108 109 110 111 112 113 114 115 116 117 118 119 120	Time Memodina of Antonico Ad Emmilyanan Biotra, Time Jainet Level Cheller, Terrental Biotra, Time Memodina Chiefe, Terrental Biotra, Time Level Chiefe, Terrental Emiliano, Time Level Chiefe, Terrental Emiliano, Time Level Chiefe, Terrental Emiliano, Time Level Chiefe, Terrental Emiliano, Time Level Chiefe, Marine, Time Control Chiefe, Michina, Milleria, Time Chiefe, Chiefe, Ling Chiefe, Ling Chiefe, Miller, Time Emiliano, Emiliano, Emiliano, E. B. E. Chiefe, Chiefe, Ling Chiefe, Li	Medium Medium Medium Medium Medium Medium Medium	Mate (270), Amazon (7), Microsoft (5) Mate (3), TaTols (1), Amazon (2) Amazon (4), Bloomberg (4), TikTok (4) Bloomberg (4), TikTok (4) Bloomberg (5), Adobe (2), Amazon (2) Amazon (5), Mate (3), Apple (2) Microsoft (5), Amazon (5), Coople (5) Amazon (6), TikTok (6), Si (6) Ulber (6), Bloomberg (4), Microsoft (4) Ulber (6), Bloomberg (4), Microsoft (4)	capeta forces six orruffind-the-largest subtree in-larges that dis- https://bnww.geekaforgeska.orgit.evgl.order.free.free.free.htd.di https://bnww.geekaforgeska.orgit.evgl.order.free.free.free.htd.di sul/mem.geskaforgeska.orgit.evgl.orgit.evg	https://www.youtube.com/watch/v=206XMGUUDwp https://www.youtube.com/watch/v=206XMGUUDwp https://www.youtube.com/watch/v=us_by_CTSMA https://www.youtube.com/watch/v=us_by_CTSMA https://www.youtube.com/watch/v=us_by_CTSMA https://www.youtube.com/watch/v=26XTE/sipzew https://www.youtube.com/watch/v=s6XTE/sipzew https://www.youtube.com/watch/v=s6XTE/sipzew https://www.youtube.com/watch/v=s6XTE/sipzew	Not Attempted Not Attempted	
107 108 109 110 111 111 112 113 114 115 116 117 118 119 119 120 121	Time Memoria to Minimo Al Employees Birther, Time Agent Lever (Select Arrental Billings Time Memoria Collect Theoremal Langua (SEE) Selection Linear (SEE) Selec	Medium	Meta (226), Amazon (F), Microsoft (S) Mata (S), Tithol (S), Amazon (e), Microsoft (S) Amazon (e), Microsoft (S), Microsoft (S) Amazon (e), Microsoft (S), Microsoft (S), Amazon (e), Microsoft (S), Microsoft (S), Microsoft (S), Amazon (E), Sought (S) Amazon (E), Tithol (e), Sin (S) Ulber (e), Bloomberg (e), Microsoft (e), Microsoft (e), Bloomberg (e), Microsoft (e), Microsoft (e), Bloomberg (e), Microsoft (e),	consists complied the far years a software in a Free Shall dis latter, laborary seek foregreek complied to effect does conveniently latter, librory seek foregreek a complied bottom left steek variously to informer speaks foregreeks a complient of continuent and failure of the software speaks foregreeks a complient of continuent latter of colonial to his latter of un peaks foregreeks a complied on complied to colonial to his latter of un speaks foregreeks and the complied of the colonial to the colonial to his latter of un- speaks foregreeks and the colonial to	https://www.youtube.com/watch?vv460AMMUUpon bltasi/iwww.youtube.com/watch?vv460AMMUUpon bltasi/iwww.youtube.com/watch?vv4.Upv_C78MA bltasi/iwww.youtube.com/watch?vv46ATminosed bltasi/iwwy.youtube.com/watch?vv46ATminosed bltasi/iwwy.youtube.com/watch?vv46ATminosed bltasi/iwwy.youtube.com/watch?vv46ATminosed bltasi/iwwy.youtube.com/watch?vv46ATminosed bltasi/iwwy.youtube.com/watch?vv46ATminosed bltasi/iwwy.youtube.com/watch?vv46ATminosed bltasi/iwwy.youtube.com/watch?vv46ATminosed bltasi/iwwy.youtube.com/watch?vv46ATminosed bltasi/iwwy.youtube.co	Not Attempted	
107 108 109 110 111 111 112 113 114 115 116 117 118 119 120	Time Meeted bit inform All Employees Bitters, Time Agent Lever Office Processed Bitters, Time Meeted Collect Processed Bitters, Time Meeted Collect Processed Learners BEEL Selects Bitters, Time Lever Date Transmall Cloth Stimms, Level Time Level Time Visite Bitters, Time Level Date Time Time Bitters Bitters Bitters, Time Bitters Bitters, Time Bitters, Time Bitters, Time Ditters, Bitters, Time Bitters, Time Bitters Constanted Bitters, Time Time Descriptors and International	Medium Medium Medium Medium Medium Medium Medium Medium Medium	Meta (226), Amazon (7), Microsoft (3), Mats (2), Tixth (2), Amazon (2), Mats (2), Tixth (2), Amazon (4), Bloomberg (4), Tixth (4), Bloomberg (4), Anders (7), Amazon (2), Amazon (2), Amazon (3), Mats (2), Angele (2), Amazon (3), Mats (2), Angele (3), Amazon (4), Citth (3), Rapide (3), Amazon (4), Amazon (4), Amazon (4), Anders (4), Matson (4), Anders (4), Matson (4), Amazon (4), Anders (4), Bloomberg (4), Amazon (6), Anders (4), Bloomberg (4), Amazon (6), Anders (4), Bloomberg (4), Anders (4), Anders (4), Bloomberg (4), Anders (4	case la Gropeia k. oro fill of the largest author in the Pere Shall di- https://www.gakkingreeks.org/fileval-order/dres-trans-raws-rail/ https://www.gakkingreeks.org/fileval-order/dres-trans-rail/ https://www.gakkingreeks.org/fileval-order/dres-trans-rail-drins-rail- tor/fileval-pasks.org/fileval-order/dres-trans-rail-drins-rail- s-primer-pasks.org/fileval-order/dres-trans-rail-order-trans-rail	https://www.scoulubs.com/mers/ch/~v500MMSUpens/ https://www.scoulubs.com/mers/ch/~v500MMSUpens/ https://www.scoulubs.com/mers/ch/~v500MMSUpens/ https://www.scoulubs.com/mers/ch/~v50MMSUpens/ch/ https://wsw.scoulubs.com/mers/ch/~v50MMSUpens/ch/ https://wsw.scoulubs.com/mers/ch/~v50MMSUpens/ch/ https://wsw.scoulubs.com/mers/ch/~v50MMSUpens/ch/ https://wsw.scoulubs.com/mers/ch/~v50MMSUpens/ch/ https://wsw.scoulubs.com/mers/ch/~v50MMSUpens/ch/ https://wsw.scoulubs.com/mers/ch/~v50MMSUpens/ch/ ht	Not Attempted Not Attempted	

	Graphs						
127 128	Island Perimeter Verifying an Alien Dictionary		Oracle (4), Bloomberg (4), Amazon (2) Meta (13), Amazon (4), Uber (2)	eksforgeeks.org/find-perimeter-of-shapes-formed-with-ts-in ttps://www.geeksforgeeks.org/verifying-an-alien-dictionary	https://www.youtube.com/watch?v=fiSluAFRM2s	Not Attempted Not Attempted	
129	Find the Town Judge		Amazon (4), Microsoft (2), Apple (2)	https://www.geeksforgeeks.org/find-the-town-judge/	https://www.youtube.com/watch?v=QiGaxdUINJ8	Not Attempted	
130 131	Number of Islands Clone Graph	Medium	Amazon (43), Meta (35), Microsoft (23) Meta (35), Apple (5), Amazon (4)	https://www.geeksforgeeks.org/find-number-of-islands/ https://www.geeksforgeeks.org/clone-an-undirected-graph/		Not Attempted	
132	Walls And Gates	Medium	DoorDash (28), Amazon (4), Uber (3)	//www.geeksforgeeks.org/walls-and-gates-problem-dfs-solu	https://www.youtube.com/watch?v=e69C6xhiSQE	Not Attempted	
133	Rotting Oranges Pacific Atlantic Water Flow	Medium Medium	Amazon (10), TikTok (10), Uber (7) Google (8), Amazon (8), Uber (4)	https://www.geeksforgeeks.org/pacific-atlantic-water-flow/	https://www.youtube.com/watch?v=y704fE0x0s0	Not Attempted	
135	Surrounded Regions	Medium	Bloomberg (4), TikTok (4), Meta (2)	https://www.peeksforpeeks.org/surrounded-regions/	https://www.voutube.com/watch?v=9z2BunfoZ5Y	Not Attempted	
136 137	Course Schedule Course Schedule II	Medium	Meta (22), Amazon (16), Microsoft (10) Amazon (20), TikTok (10), Microsoft (7)	https://www.geeksforgeeks.org/course-schedule-problem/ https://www.geeksforgeeks.org/course-schedule-ii/	https://www.youtube.com/watch?v=Egi5nU9etnU https://www.youtube.com/watch?v=Akt3niAwvfY	Not Attempted	
138	Evaluate Division	Medium Medium	BlackRock (16), Uber (9), Amazon (8)	ttps://www.geeksforgeeks.org/evaluate-division-using-graph	https://www.youtube.com/watch?v=Usi1fwDoyKk	Not Attempted	
139	Graph Valid Tree Number of Connected Components in An Undirected Graph	Medium Medium	Linkedin (2), Meta (2), Salesforce (2) TikTok (4), Google (2), Amazon (2)	r geeksforgeeks orgicheck if a given undirected graph is a w. geeksforgeeks orgiconnected components in an undirect	https://www.youtube.com/watch?v=bXsUuownnoQ https://www.youtube.com/watch?v=8f1XPm4WOUc	Not Attempted	
141	Redundant Connection	Medium Medium	Apple (5), TikTok (4), Amazon (3)	ps://www.geeksforgeeks.org/redundant-connection-in-a-gra	https://www.youtube.com/watch?v=FXWRE67PLL0	Not Attempted	
142 143	Cheapest Flights Within K Stops Min Cost to Connect All Points	Medium Medium	Amazon (6), TikTok (6), Meta (3) Microsoft (4), Amazon (3), Adobe (2)	tps://www.geeksforgeeks.org/cheapest-flights-within-k-stop v.geeksforgeeks.org/minimum-cost-to-connect-all-points-on	https://www.youtube.com/watch?v=5elK3zUdYmE https://www.youtube.com/watch?v=f7JOBJIC-NA	Not Attempted Not Attempted	
144 145	Network Delay Time	Medium Medium	Amazon (4), Google (2), Adobe (2) Cisco (10), Amazon (3), Apole (2)	v.geeksforgeeks.org/network-delay-time-using-bellman-ford	https://www.youtube.com/watch?v=EaphyoKU4PQ	Not Attempted	
146	Snakes and Ladders Minimum Genetic Mutation	Medium	Amazon (3) Microsoft (2) Annie (2)	tips://www.geeksforgeeks.org/snakes-and-ladders-problem- https://www.geeksforgeeks.org/minimum-penetic-mutation/	https://www.youtube.com/watch?v=6IH4nO3JfLk https://www.youtube.com/watch?v=H3kSFSv-t30	Not Attempted	
147	Word Ladder Alien Dictionary	Hard Hard	Amazon (25), Meta (9), Uber (5) Amazon (5), Meta (5), Bloomberg (3)	.org/word-ladder-find-shortest-path-such-that-adjacent-wor	https://www.youtube.com/watch?v=h9iTnkgv05E	Not Attempted Not Attempted	
148	Reconstruct Itinerary	Hard	Amazon (5), Meta (5), Bloomberg (3) Netflix (8), Meta (6), Google (4)	aforgeeks.orgialien-dictionary-find-order-of-characters-in-ai https://www.geeksforgeeks.org/reconstruct-itinerary/	https://www.youtube.com/watch?v=ZyB_gQ8yqGA	Not Attempted	
150	Swim In Rising Water	Hard	Uber (6), Amazon (3), Google (2)	https://www.geeksforgeeks.org/swim-in-rising-water/	https://www.youtube.com/watch?v=amvrKMLuGY	Not Attempted	
	Divide & Conquer						
151	Convert Sorted Array to Binary Search Tree		Adobe (3), Amazon (2), Microsoft (2)	https://www.geeksforgeeks.org/sorted-array-to-balanced-bst	https://www.youtube.com/watch?v=0K0uCMYq5ng	Not Attempted	
152 153	Sort List Construct Quad Tree	Medium Medium	Amazon (4), Meta (3), Adobe (3) Uber (10), Google (3), Amazon (2)	s://www.pseksforgeeks.org/sort-a-linked-list-using-merge-s- https://www.pseksforgeeks.org/guad-tree/	https://www.youtube.com/watch?v=TGveA1oFhrc https://www.youtube.com/watch?v=UQ-1sBMV0v4	Not Attempted III	
	Kadane's Algorithms						
154	Maximum Subarray	Medium	Microsoft (15), Amazon (13), Bloomberg (10)	sforgeeks.org/maximum-subarray-sum-using-divide-and-co	https://www.voutube.com/watch?y=5WZI3MMT0Eq	Not Attempted	
155	Maximum Sum Circular Subarray	Medium		s://www.geeksforgeeks.org/maximum-contiguous-circular-s		Not Attempted	
	Heap (Priority Queue)						
156	Kth Largest Element in a Stream		Amazon (4), Meta (3), Apple (2)	tos://www.geeksforgeeks.org/kth-largest-element-in-a-stream	https://www.youtube.com/watch?v=hQjcdrqMoQ8	Not Attempted	
157 158	Last Stone Weight Kith Largest Element in an Array	Easy Medium	Nvidia (6), Amazon (6), Linkedin (4) Meta (152), Amazon (16), Google (13)	https://www.geeksforgeeks.org/last-stone-weight-problem/ www.geeksforgeeks.org/kth-smallestlargest-element-unsorte	https://www.youtube.com/watch?v=B-QCq79-Vfw	Not Attempted	
159	K Closest Points to Origin	Medium	Meta (62), Amazon (7), Google (4)	https://www.geeksforgeeks.org/k-closest-points-origin/	https://www.youtube.com/watch?v=rl2EBUEMfTk	Not Attempted	
160 161	Task Scheduler Find K Pairs with Smallest Sums	Medium Medium	TikTok (10), Google (5), DoorDash (5) Microsoft (2), Amazon (2), Linkedin (2)	https://www.geeksforgeeks.org/task-scheduling-problem/ //www.geeksforgeeks.org/find-k-pairs-smallest-sums-two-ar	https://www.youtube.com/watch?v=s8p8ukTyA2I	Not Attempted	
162	Top K Frequent Elements	Medium	Meta (67), Amazon (15), Bloomberg (7)	www.geeksforgeeks.org/find-k-numbers-occurrences-given	https://www.youtube.com/watch?v=YPTqKlqVk-k	Not Attempted	
163 164	Dasign Twitter Merge k Sorted Lists	Medium Hard	Uber (4), Coupang (3), Microsoft (3) Meta (43), Amazon (20), Microsoft (11)	https://www.geeksforgeeks.org/design-twitter/ https://www.geeksforgeeks.org/merge-k-sorted-linked-lists/	https://www.youtube.com/watch?v=pNichitDD2E	Not Attempted Not Attempted	
165	Find Median From Data Stream	Hard	Amazon (14), Meta (9), Microsoft (8)	rw.geeksforgeeks.org/median-of-stream-of-integers-running	https://www.youtube.com/watch?v=itmhHWaHupl	Not Attempted	
166	IPQ.	Hard	Salesforce (3), Amazon (2), Zeta (2)	https://www.geeksforgeeks.org/ipo-initial-public-offering/		Not Attempted	
	Dynamic Programming						
167	Climbing Stairs		Amazon (15), Mota (10), Zoho (9) Amazon (5), Bloomberg (4), Uber (4)	https://www.geeksforgeeks.org/climbing-stairs/ eks.org/longest-subsequence-such-that-all-elements-of-sub-	https://www.youtube.com/watch?v=Y0IT9Fck7ql	Not Attempted Not Attempted	
168 169	Is Subsequence Best Time to Buy and Sell Stock		Amazon (28), Meta (13), Google (12)	isforgeeks.org/maximum-profit-by-buying-and-selling-a-sha	https://www.youtube.com/watch?v=1pkOgXD63yU	Not Attempted	
170 171	Pascal's Triangle		Amazon (8), Google (6), Microsoft (5) Adobe (4), Goldman Sachs (3), Amazon (2)	https://www.geeksforgeeks.org/pascal-triangle/ ww.geeksforgeeks.org/count-total-set-bits-in-all-numbers-fro	https://www.youtube.com/watch?v=nPVEaB3AiUM	Not Attempted	
172	Counting Bits Maximum Product Subarray	Medium	Wayfair (11), Amazon (8), LinkedIn (6)	https://www.peeksforpeeks.pro/maximum-product-subarray/	https://www.voutube.com/watch?v=IXVv6YWFcRM	Not Attempted	
173 174	Longest Increasing Subsequence	Medium Medium	Amazon (16), Google (8), TikTok (6) Amazon (19), Adobe (8), Uber (5)	//www.geeksforgeeks.org/longest-increasing-subsequence-	https://www.youtube.com/watch?v=c/WnW6hdF1Y https://www.youtube.com/watch?v=Yan0cv2cLy8	Not Attempted	
175	Jum Game Longest Common Subsequence	Medium Medium	Amazon (10), Apple (6), Microsoft (4)		https://www.youtube.com/watch?v=Ua0GhsJSIWM	Not Attempted	
176 177	Best Time to Buy and Sell Stock II House Robber	Medium Medium	Microsoft (9), Amazon (6), Adobe (4) Cisco (18), Amazon (11), Apple (8)	https://www.geeksforgeeks.org/stock-buy-sell/ seksforgeeks.org/maximum-sum-such-that-no-two-elements		Not Attempted	
177	House Robber II	Medium	Google (6), Apple (5), PhonePe (4)	sforgeeks.org/maximum-sum-such-that-no-two-elements-an	https://www.voutube.com/watch?v=rWAJCPYYOvM	Not Attempted	
179 180	Palindromic Substrings Longest Palindromic Substring	Medium Medium	Meta (14), Goldman Sachs (9), Citadel (5) Amazon (22), Cisco (19), Microsoft (11)	://www.geeksforgeeks.org/longest-palindromic-substring-s	https://www.youtube.com/watch?v=4RACzl5-du8	Not Attempted	
181	Decode Ways	Medium	Amazon (9), Cisco (9), Commvault (7)	s://www.geeksforgeeks.org/longest-palindromic-substring-s //www.geeksforgeeks.org/count-ways-decoded-given-segur	https://www.youtube.com/watch?v=6aEvTiOwUU	Not Attempted	
182 183	Coin Change	Medium Medium	Amazon (10), Google (6), TikTok (5) Google (3), Amazon (3), Meta (2)	https://www.geeksforgeeks.org/coin-change-dp-7/ https://www.geeksforgeeks.org/coin-change-dp-7/	https://www.youtube.com/watch?v=H9bfqozjoqs https://www.youtube.com/watch?v=Miv4hd2xors	Not Attempted	
184	Word Break	Medium	Meta (12), Microsoft (11), Amazon (10)	https://www.geeksforgeeks.org/coin-change-dp-7/ https://www.geeksforgeeks.org/word-break-problem-dp-32/	https://www.youtube.com/watch?v=Sx9NNgInc3A	Not Attempted	
185	Unique Paths	Medium	Amazon (4), Meta (3), Apple (2)	://www.geeksforgeeks.org/unique-paths-in-a-grid-with-obsta	https://www.youtube.com/watch?v=IIEsdxuD4IY	Not Attempted	
186	Unique Paths II Triangle	Medium Medium	Meta (5), Google (2), Uber (2) Amazon (5), Apple (4), Agoda (3)	//www.geeksforgeeks.org/unique-paths-in-a-grid-with-obsta ps://www.geeksforgeeks.org/minimum-path-sum-in-a-triang		Not Attempted	
188	Minimum Path Sum	Medium	Godman Sachs (6), Google (3), Microsoft (3)	https://www.geeksforgeeks.org/min-cost-path-dp-6/	https://www.youtube.com/watch?v=pGMsrvt0fpk	Not Attempted	
189	Interleaving String Best Time to Buy and Sell Stock with Cooldown	Medium Medium	Apple (5), Google (4), Media[.]net (4) Amazon (5), Google (2), Apple (2)	https://www.geeksforgeeks.org/interleaved-strings/ https://www.geeksforgeeks.org/stock-buy-sell-cooldown/	https://www.youtube.com/watch?v=3Rw3p9LrgvE https://www.youtube.com/watch?v=I7j0F7AHpb8	Not Attempted	
191	Partition Equal Subset Sum	Medium	Google (5), Apple (5), Expedia (4)	https://www.geeksforgeeks.org/partition-problem-do-18/	https://www.voutube.com/watch?v=lsvocB5BJhw	Not Attempted	
192 193	Target Sum Palindrome Partitioning	Medium	Meta (5), Amazon (4), Google (3) Meta (7), Amazon (6), Apple (3)	https://www.geeksforgeeks.org/target-sum-dp-20/ ttps://www.geeksforgeeks.org/palindrome-partitioning-dp-17	https://www.youtube.com/watch?v=g0npyaQtAQM https://www.youtube.com/watch?v=3jvWodd7ht0	Not Attempted	
194 195	Longest Palindromic Subsequence Paint House	Medium Medium	Linkedin (4), Amazon (4), Cisco (4) Linkedin (4), Amazon (2)	https://www.geeksforgeeks.org/longest-palindromic-subsequence- https://www.geeksforgeeks.org/paint-house-problem/		Not Attempted	
196	Edit Distance	Medium	Google (6) Amazon (3) Microsoft (3)	https://www.geeksforgeeks.org/edit-distance-dp-5/	https://www.youtube.com/watch?v=XYi2-LPrwm4	Not Attempted	
197 198	Maximal Square Perfect Squares	Medium Medium	Google (3), Adobe (3), Booking[,]com (3) Adobe (7), Apple (3), Amazon (3)	seksforgeeks.org/maximum-size-sub-matrix-with-all-1s-in-a-	https://www.youtube.com/watch?v=6X7Ha2PrDmM	Not Attempted	
199	Super Egg Drop	Hard	Amazon (2), Oracle (2), Google (1)	eksforgeeks.org/ways-to-write-n-as-sum-of-two-or-more-po- tos://www.geeksforgeeks.org/super-agg-drop-problem-dp-1		Not Attempted	
200 201	Maximum Profit in Job Scheduling Longest Increasing Path In a Matrix	Hard Hard	DoorDash (17), Pinterest (14), Airbnb (6) DoorDash (11), Meta (4), Apole (4)	s://www.gseksforgseks.org/weighted-job-scheduling-log-n-f	https://www.youtube.com/watch?v=JLoWc3v0SiE	Not Attempted	
201	Best Time to Buy and Sell Stock III	Hard	Bolt (7), Google (4), Microsoft (3)	tos://www.geeksforgeeks.org/longest-increasing-path-matri /forgeeks.org/maximum-profit-by-buying-and-selling-a-share		Not Attempted	
203 204	Distinct Subsequences Burst Balloons	Hard Hard	Apple (6), Google (4), Amazon (4) PhonePe (11), Uber (8), Amazon (4)	ttps://www.geeksforgeeks.org/count-distinct-subsequences		Not Attempted Not Attempted	
204	Burst Balloons Regular Expression Matching	Hard	PhonePe (11), Uber (8), Amazon (4) Amazon (8), Meta (5), Google (4)	ps://www.geeksforgeeks.org/burst-balloon-to-maximize-coil https://www.geeksforgeeks.org/wildcard-pattern-matching/	https://www.youtube.com/watch?v=HAA8mgxlov8	Not Attempted	
206	Wildcard Matching	Hard	Amazon (5), Apple (3), Adobe (3)	ksforgeeks.orgidynamic-programming-set-2-optimal-substr	https://www.youtube.com/watch?v=ZmiQ3vgAQMq	Not Attempted	
	Greedy Algorithms						
207	Container With Most Water	Medium	Amazon (35), Google (13), Microsoft (6)	https://www.geeksforgeeks.org/container-with-most-water/	https://www.youtube.com/watch?v=UuiTKBwPgAo	Not Attempted	
208 209	Two City Scheduling Jump Game II	Medium Medium	TikTok (5), Bloomberg (3), Amazon (2) Uber (7), Amazon (6), Goldman Sachs (5)	ittps://www.geeksforgeeks.org/two-city-scheduling-problem eksforgeeks.org/minimum-number-of-jumps-to-reach-end-or	https://www.youtube.com/watch?v=dJ7sWiOoK7g	Not Attempted Not Attempted	
210	Gas Station	Medium	Microsoft (9), Amazon (8), Oracle (6)	ps://www.geeksforgeeks.org/find-a-tour-that-visits-all-station ww.geeksforgeeks.org/check-if-a-given-hand-is-a-straight-is-	https://www.youtube.com/watch?v=UwbPZGo05A	Not Attempted	
211 212	Hand of Straights Merge Triplets to Form Target Triplet	Medium Medium	Google (2) Google (1)	s://www.geeksforgeeks.org/merge-triplets-to-form-target-trip	https://www.youtube.com/watch?v=kShkQLQZ9K4	Not Attempted	
213	Partition Labels	Medium	Amazon (4), Linkedin (3), Meta (3) Microsoft (3), Amazon (3), ServiceNow (3)	s.org/partitioning-a-string-such-that-each-part-appears-in-th	https://www.youtube.com/watch?v=B7m8UmZE-vw	Not Attempted	
214	Valid Parenthesis String	Medium	Microsoft (3), Amazon (3), ServiceNow (3)	https://www.geeksforgeeks.org/valid-parenthesis-string/	mspawww.youtube.com/watch?v=QhPdNS143Qg	Not Attempted	
	Intervals		Yandey (15) Bloomhern (3) Liber (2)				
215 216	Summary Ranges Insert Interval	Medium	Meta (6), Amazon (6), Apple (6)	https://www.geeksforgeeks.org/summary-ranges/ https://www.geeksforgeeks.org/insert-interval/	https://www.youtube.com/watch?v=ZHJDwbfqoa8 https://www.youtube.com/watch?v=A8NUOm/wOIM	Not Attempted Not Attempted	
217 218	Merge Intervals Non-Overlapping Intervals	Medium Medium	Meta (77), Amazon (27), Microsoft (18) Meta (6), Microsoft (4), Apple (3)	https://www.geeksforgeeks.org/merging-intervals/ https://www.geeksforgeeks.org/mor-overlapping-intervals/	https://www.youtube.com/watch?v=44H3cEC2/FM https://www.youtube.com/watch?v=nONCGxWoURM	Not Attempted Not Attempted	
219	Meeting Rooms		Apple (2), Google (2), Amazon (2)	https://www.geeksforgeeks.org/meeting-rooms-problem/	https://www.youtube.com/watch?v=PaJkgZVPhbg	Not Attempted	
220 221	Mesting Rooms II Minimum Number of Arrows to Burst Balloons	Medium Medium	Meta (17), TikTok (11), IBM (11) Amazon (4), Apple (2), Adobe (2)	https://www.geeksforgeeks.org/meeting-rooms-ii/ vw.geeksforgeeks.org/minimum-number-of-arrows-to-burst-	https://www.voutube.com/watch?v=FdzJmTCVvJU	Not Attempted Not Attempted	
			- Transmir (all obbins felt unrings (5)	Section Control of the Control of th	The second secon		
222	Tric Implement Tric (Prefix Tree)	Medium	Google (4), Square (3), Pinterest (3)	https://www.masksformaskr.org/ficiologuet.and	https://www.voudube.com/unitsh/2umashau/C #1140	Not Attempted	
223	Design Add And Search Words Data Structure	Medium	Amazon (4), Google (3), Bloomberg (3)		https://www.youtube.com/watch?v=BTf05gs_8iU	Not Attempted	
224 225	Longest Common Prefix Longest Word with All Prefixes	Easy Medium	Amazon (19), Google (14), Meta (13)	is .l/www.geeksforgeeks.org/longest-common-prefix-using-t	https://www.youtube.com/watch?v=0sWShKiJoo4	Not Attempted Not Attempted	
226	Number of Distinct Substrings in a String	Medium	ServiceNow (3), Intuit (1), Dunzo (1)	ksforgeeks.org/number-of-distinct-substrings-in-a-string-us	https://www.youtube.com/watch?v=RV0QeTyHZxo	Not Attempted	
227 228	Maximum XOR of Two Numbers in an Array Extra Characters in a String	Medium Medium	Amazon (4), Google (1) Bloomberg (3), Amazon (2), Uber (2)	.geeksforgeeks.org/find-the-maximum-xor-of-two-numbers- https://www.geeksforgeeks.org/extra-characters-in-a-string/	https://www.voutube.com/watch?v=ElhAwfHubE8	Not Attempted Not Attempted	
229	Word Search II	Hard	Uber (13), Amazon (2), Uber (2)	https://www.geeksforgeeks.org/word-search-ii-boggle/	https://www.youtube.com/watch?v=asbcE9mZz_U	Not Attempted	
	Disjoint Sets						
230	Find if Path Exists in Graph		Google (3), Microsoft (3), Amazon (2)	rgeeks.org/find-if-there-is-a-path-between-two-vertices-in-a	https://www.youtube.com/watch?v=knLFe7hEp3Y	Not Attempted	
231 232	Max Area of Island Making A Large Island	Medium Hard	Microsoft (7), Meta (7), Bloomberg (7) Meta (33), DoorDash (7), Bloomberg (4)	//www.geeksforgeeks.org/find-the-largest-island-in-a-given- https://www.geeksforgeeks.org/making-a-large-island/	https://www.voutube.com/watch?v=iJGr1OtmH0c	Not Attempted	
402		naru	meta (53), DoofDash (7), Bloomberg (4)			Not Attempted	
	Segment Tree Range Sum Query - Immutable			www.geeksforgeeks.org/constant-time-range-sum-guery-in		Not Attempted	
233 234	Range Sum Query - Mutable	Easy Medium	Meta (4), Google (2), Adobe (2) Amazon (3), TikTok (2), Bloomberg (2)	v.geeksforgeeks.org/range-sum-queries-and-updates-in-mut	https://www.youtube.com/watch?v=G9GRvQRtGOc	Not Attempted Not Attempted	
235	Count of Smaller Numbers After Self	Hard	Google (4), Apple (3), Bloomberg (3)	//www.geeksforgeeks.org/count-smaller-elements-on-right-	https://www.youtube.com/watch?v=VOv2vY_Hg8Y	Not Attempted	
236	Count of Range Sum	Hard	Amazon (3), Adobe (2), Google (1)	https://www.geeksforgeeks.org/count-range-sum/	https://www.youtube.com/watch?v=ILUAY2W0s0E	Not Attempted	
	Math & Geometry						
237 238	Integer to Roman Number of Sets of K Non-Overlapping Line Segments	Medium Medium	IBM (9), Google (7), Wix (6) Amazon (1)	://www.geeksforgeeks.org/converting-decimal-number-rom geeksforgeeks.org/number-of-sets-of-k-non-overlapping-lin	https://www.youtube.com/watch?v=ohBNdSJyLh8 https://www.youtube.com/watch?v=ohBNdSJyLh8	Not Attempted Not Attempted	
239	Happy Number	Easy	Accenture (12), BlackRock (8), Amazon (6)	https://www.geeksforgeeks.org/happy-number/	https://www.youtube.com/watch?v=ljz85bxOYJ0	Not Attempted	
240 241	Plus One Pow(x, n)	Easy Medium	Meta (8), Amazon (6), Google (4) Meta (105), Amazon (6), Apple (6)	pecksforgeeks.org/adding-one-to-number-represented-as-ar //www.geeksforgeeks.org/write-a-c-program-to-calculate-po	https://www.youtube.com/watch?v=jlaA8boiG1s	Not Attempted III	
242	Multiply Strings	Medium	Meta (11), Two Sigma (8), Amazon (5)	rw.geeksforgeeks.org/multiply-large-numbers-represented-a	https://www.youtube.com/watch?v=1vZswirL8Y8	Not Attempted	
243	Detect Squares	Medium	Google (13), Amazon (2)	https://www.geeksforgeeks.org/detect-squares/	https://www.youtube.com/watch?v=bahebearrDc	Not Attempted	
	Bit Manipulation						
244 245	Single Number		Amazon (11), Adobe (7), Meta (5) Amazon (6), Box (5), Qualcomm (3)	peeksforgeeks.org/find-the-element-that-appears-once-in-a-		Not Attempted Not Attempted	
246	Number of 1 Bits Add Binary		Google (4), Apple (3), Microsoft (3)	https://www.geeksforgeeks.org/count-set-bits-in-an-integer/ s://www.geeksforgeeks.org/program-to-add-two-binary-strir	https://www.youtube.com/watch?v=keuWJ47xG8g	Not Attempted	
247 248	Reverse Bits Missing Number		Meta (4), Apple (3), Amazon (2) Amazon (8), Adobe (4), Bloomberg (3)	https://www.geeksforgeeks.org/reverse-bits-of-a-number/ https://www.geeksforgeeks.org/find-the-missing-number/	https://www.youtube.com/watch?v=UcoN6UjAI64	Not Attempted	
248	Sum of Two Integers	Medium	Microsoft (3), Apple (3), Amazon (2)	seeksforgeeks.org/add-two-numbers-without-using-arithmet	https://www.voutube.com/watch?v=qq64FrA2UXQ	Not Attempted	
250	Reverse Integer	Medium	Amazon (13), Adobe (8), Google (6)	https://www.geeksforgeeks.org/reverse-digits-of-a-number/	https://www.youtube.com/watch?v=HAgLH58igJQ	Not Attempted	