Coding_Interview_Questions

#	Title	Summary	Link
1	Top K Frequent Words	HashMap + Heap + Sort	
2	Fractional Stock Trading System	Broker trades only integer shares; client trades fractional. Match buying/selling to minimize holdings.	https://leetcode.com/playground/4oRujNmW
3	Maximum Multiplier Path	DFS solution on graph/tree	
4	Leetcode 375 Variant	Unclear; likely range-based DP	
5	Reverse Linked List + Pairwise Reverse	Reverse whole list; then reverse pairs	
6	Fractional Shares Sorting	Sort output properly; otherwise test cases fail	https://leetcode.com/playground/4oRujNmW
7	Microservice Dependency	Topological Sort with 'ignore non-existent'; DFS-based with depth count	https://leetcode.com/playground/Gn8SpaRJ
8	Student Course Graph	DAG traversal to find required course sequence	
9	Task Scheduler (LC621)	Greedy + MaxHeap	
10	Buy & Sell Orders	Heap-based matching of buy/sell orders	https://leetcode.com/discuss/post/1052406/robinhood-telephonic-interviewreject-by-el99b/
11	Referral Count	DFS + memoization, sort by count & lex	
12	Commit Offset	Two approaches: O(n) with set, O(1) with index tracking	
13	Margin Call	Calculate if user's equity falls below margin requirement	https://leetcode.com/playground/XfAK8ggA
14	House and Street Trade Match	Exact match > attribute match > offsetting match	https://leetcode.com/playground/k3HaoUmm
15	Candlestick Chart	Bucket trade prices into 10s intervals	https://leetcode.com/playground/bNfFfg23
16	Trade Stock	Greedy trading logic based on value	https://leetcode.com/playground/74RoPVu4
17	Event Window Layout	Assign left/width for overlapping events	
18	Offset Ordering	Ensure logs are applied in correct sequence	https://leetcode.com/discuss/interview-question/3158526/Offset-Ordering
19	Candlestick + Service DAG	Graph + price tracking combo	https://leetcode.com/discuss/interview-question/1681871/Robinhood-or-VO-or-Staff
20	Portfolio Optimization	Maximize return w/ constraints	https://leetcode.com/playground/D8HmPNdG
21	Simplified Microservice Dependency	Skip topo sort; simple DFS w/ count	
22	Access Log	Merge log entries, dedupe & sort	https://leetcode.com/playground/dFdc67iQ
23	Course Schedule	Topological sort, detect cycles	https://leetcode.com/playground/DpnHmSbS
24	Badge Record	Interval computation from badge events	https://leetcode.com/playground/XprywfeP
25	Max Subtree Sum in Tree	DFS w/ return value aggregation	
26	Max Profit from Tasks	Greedy by deadline + profit	https://www.geeksforgeeks.org/weighted-job-scheduling/
27	Process String Logs	String parsing + merge intervals	
28	Permutation Substring Check (LC438)	Sliding window + count match	
29	Median of Odd-length Subsequences	Heap tracking + rolling update	
30	Trade Matcher	Multi-stage match: exact > attr > offset	
31	Stock Trade w/ Cash Constraint	Sell highest value stock first	
32	Greedy Max Profit	Optimal buy/sell timing	https://www.1point3acres.com/bbs/thread-680114-1-1.html
33	Print All Paths in DAG	BFS traversal + path count	
34	Min/Max/First/Last per Time Window	Sliding window summary	
35	Candlestick w/ Empty Buckets	Propagate last price to fill gaps	
36	Packet Commit Simulation	Marking sequence progress	
37	LC1249 - Remove Min Parentheses	Stack + index set	
38	LC1801 - Total Share Traded	Buy/Sell heap logic	