| | | 7 days Strategy - by Love Babbar | | | | | | | |
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| | | | | | | | | | |
| **Questions:** | | | | | | | | | |
| Kadane Algorithm | | max profit by buying/selling stock atmost k time | | | | | | | |
| Buy and Sell Stock | | | | | | | | | |
| Rainwater trapping problem | | | | | | | | | |
| Chocholate distribution | | | | | | | | | |
| Inversion count | | | | | | | | | |
| Count number of bits to flip, to convert A to B | | | | | | | | | |
| Merge Intervals | | | | | | | | | |
| | | | | | | | | | |
| Rotate Matrix by 90 degrees | | | | | | | | | |
| Spiral print | | | | | | | | | |
| | | | | | | | | | |
| Edit distance | | | | | | | | | |
| Balanced parenthesis | | | | | | | | | |
| word break proplem | | | | | | | | | |
| | | | | | | | | | |
| Book Allocation problem | | | | | | | | | |
| Merge 2 sorted arrays | | | | | | | | | |
| | | | | | | | | | |
| Reverse Linked List in group of K | | | | | | | | | |
| Detect and Delete loops in LL , all ways | | | | | | | | | |
| merge k sorted LL | | | | | | | | | |
| | | | | | | | | | |
| top,left,right,bottom view of TREE | | Top View | Left View | Right View | Zig-zag View | Boundary Traversal | Level order Traversal | height of tree | diameter of tree |
| Kth anscestor of node | | | | | | | | | |
| construct tree using inorder or preorder or postorder | | Q2 | | | | | | | |
| Largest BST in a binary tree | | | | | | | | | |
| Merge 2 BST | | | | | | | | | |
| | | | | | | | | | |
| Activity Selection Problem | | | | | | | | | |
| Job Sequencing problem | | | | | | | | | |
| Minimum Platforms Problem | | | | | | | | | |
| LRU Cache implementation | | | | | | | | | |
| minimum cost of ropes | | | | | | | | | |
| | | | | | | | | | |
| Snake and Ladder problem | | N-Queen | | | | | | | |
| Knight's tour problem | | | | | | | | | |
| Largest number in K swaps | | | | | | | | | |
| Subset Sum | | | | | | | | | |
| Combinational Sum | | | | | | | | | |
| | | | | | | | | | |
| implement stack, queue using array | | | | | | | | | |
| implement stack using queue and vice versa | | Q2 | | | | | | | |
| find the next greator element | | Stock Span | | | | | | | |
| celebrity problem | | | | | | | | | |
| largest area in a historgram | | | | | | | | | |
| Non-Overlapping intervals | | | | | | | | | |
| Circular tour[Petrol pump] | | | | | | | | | |
| Rotten Oranges | | | | | | | | | |
| | | | | | | | | | |
| Sort using Heap Sort only | | | | | | | | | |
| Kth smallest and Largest element in a unsorted array | | Q2 | try to optimise the Space Complexity | | | | | | |
| Median in a Stream | | | | | | | | | |
| Merge k sorted arrays | | | | | | | | | |
| | | | | | | | | | |
| Detect cycle in a directed/Undirected Graph | | Q1 | Q2 | | | | | | |
| Dijkstra Algo | | | | | | | | | |
| Clone a graph | | | | | | | | | |
| Topological sort | | | | | | | | | |
| find the no. of Island | | | | | | | | | |
| Kosaraju Algorithm | | | | | | | | | |
| Graph coloring problem | | | | | | | | | |
| Alien dictionary problem | | | | | | | | | |
| | | | | | | | | | |
| work break problem using TRIE | | | | | | | | | |
| Phone dictionary using trie | | | | | | | | | |
| | | | | | | | | | |
| Coin Change Problem | | | | | | | | | |
| Catalan number | | | | | | | | | |
| Assembly line scheduling problem | | | | | | | | | |
| Largest sum continous subarray | | | | | | | | | |
| Longest palindromic subsequence | | | | | | | | | |
| Mobile Numeric keypad problem | | | | | | | | | |
| Largest area rectangular sub-matrix with equal number of 1's and 0's | | | | | | | | | |