Day-4 of 30 Day Challenge

Data Structures – Problems on Queue and Stack

1. Queue –

Reversing First K Elements -

https://www.geeksforgeeks.org/reversing-first-k-elements-queue/

Interleave First Half Queue Second Half -

https://www.geeksforgeeks.org/interleave-first-half-queue-second-half/

Sorting Queue without Extra Space -

https://www.geeksforgeeks.org/sorting-queue-without-extra-space/

Sliding Window – Max-Min – SubArray Problem -

https://www.geeksforgeeks.org/sliding-window-maximum-maximum-of-all-subarrays-of-size-k/

Sum of Min-Max Elements in SubArrays Size K -

https://www.geeksforgeeks.org/sum-minimum-maximum-elements-subarrays-size-k/

Circular Queue -

https://www.youtube.com/watch?v=eKxWdc1DVFE&list=PLqM7alHXFySG6wgjVeEat_ouTIi0IBQ6D&index=8&t=0s

2. Stacks –

Infix-Prefix-Postfix Conversions

https://www.geeksforgeeks.org/stack-set-2-infix-to-postfix/

https://www.geeksforgeeks.org/prefix-infix-conversion/

https://www.geeksforgeeks.org/prefix-postfix-conversion/

https://www.geeksforgeeks.org/postfix-prefix-conversion/

https://www.geeksforgeeks.org/postfix-to-infix/

https://www.geeksforgeeks.org/convert-infix-prefix-notation/

Day-5 of 30 Day Challenge Sneak Peek

1. Intro to Binary Tree and Binary Search Implementation

2. Stack Standard Problems –

Stock Span Problem -

https://www.geeksforgeeks.org/the-stock-span-problem/

The Celebrity Problem -

https://www.geeksforgeeks.org/the-celebrity-problem/

Tower of Hanoi Implementation –

https://www.geeksforgeeks.org/iterative-tower-of-hanoi/