

Queue:

1• Implement Queue using Stack

[Practice here:

<https://practice.geeksforgeeks.org/problems/queue-using-two-stacks/1> ]

2• LRU Cache Implementation

[Practice here: <https://practice.geeksforgeeks.org/problems/lru-cache/1> ]

3• How to efficiently implement “k” queues in an array ?

[Follow here:

<https://www.geeksforgeeks.org/efficiently-implement-k-queues-single-array/> ]

4• Check if a queue can be sorted into another queue using a stack

[Practice here:

<https://www.geeksforgeeks.org/check-queue-can-sort-another-queue-using-stack/> ]

5• Level Order Tree traversal

[Practice here:

<https://practice.geeksforgeeks.org/problems/level-order-traversal/1> ]

6• Reverse a Queue using recursion

[Practice here: <https://practice.geeksforgeeks.org/problems/queue-reversal/1> ]

7• Reverse the first “K” elements of a queue

[Practice here:

<https://practice.geeksforgeeks.org/problems/reverse-first-k-elements-of-queue/1> ]

8• Interleave the first half of the queue with second half

[Practice here:

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

9• Sorting a queue without extra space

[Practice here:

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

10• Find the first circular tour that visits all Petrol Pumps

[Practice here: <https://practice.geeksforgeeks.org/problems/circular-tour/1> ]

11• Minimum time required to rot all oranges

[Practice here: <https://practice.geeksforgeeks.org/problems/rotten-oranges/0> ]

12• Find maximum level sum in Binary tree

[Practice here:

<https://practice.geeksforgeeks.org/problems/max-level-sum-in-binary-tree/1> ]

13• Distance of nearest cell having 1 in a binary matrix

[Practice here:

<https://practice.geeksforgeeks.org/problems/distance-of-nearest-cell-having-1/0> ]

14• First negative integer in every window of size “k”

[Practice here:

<https://practice.geeksforgeeks.org/problems/first-negative-integer-in-every-window-of-size-k/0> ]

15• Check if all levels of two trees are anagrams or not.

[Practice here:

<https://www.geeksforgeeks.org/check-if-all-levels-of-two-trees-are-anagrams-or-not/> ]

16• Sum of minimum and maximum elements of all subarrays of size “k”.

[Practice here:

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

17• Minimum sum of squares of character counts in a given string after removing “k” characters.

[Practice here: <https://practice.geeksforgeeks.org/problems/game-with-string/0> ]

18• Queue based approach or first non-repeating character in a stream.

[Practice here:

<https://practice.geeksforgeeks.org/problems/first-non-repeating-character-in-a-stream/0> ]