**Beginner-Level Queue Problems**

1. **Implement Queue using Stacks** (Easy)  
   Problem Link  
   *Learn how to implement a queue using two stacks.*
2. **Design Circular Queue** (Medium)  
   Problem Link  
   *Understand the implementation of a circular queue.*
3. **Number of Recent Calls** (Easy)  
   Problem Link  
   *Solve a sliding window problem using a simple queue.*
4. **Moving Average from Data Stream** (Easy)  
   Problem Link  
   *Calculate the moving average using a fixed-size queue.*
5. **Rotting Oranges** (Medium)  
   Problem Link  
   *Use BFS with a queue to simulate the spread of rotting oranges.*

**Intermediate-Level Queue Problems**

1. **Perfect Squares** (Medium)  
   Problem Link  
   *Use BFS with a queue to minimize the number of perfect squares needed.*
2. **Walls and Gates** (Medium)  
   Problem Link  
   *Use BFS to fill the shortest distance from gates to empty rooms.*
3. **Binary Tree Level Order Traversal** (Medium)  
   Problem Link  
   *Traverse a binary tree level by level using a queue.*
4. **Binary Tree Zigzag Level Order Traversal** (Medium)  
   Problem Link  
   *Extend level order traversal to zigzag patterns.*
5. **Course Schedule** (Medium)  
   Problem Link  
   *Use BFS with a queue to detect cycles in a directed graph.*
6. **Course Schedule II** (Medium)  
   Problem Link  
   *Find the order of courses using topological sorting with a queue.*
7. **Sliding Window Maximum** (Hard)  
   Problem Link  
   *Use a monotonic queue to find the maximum in every sliding window.*

**Advanced-Level Queue Problems**

1. **Shortest Path in Binary Matrix** (Medium)  
   Problem Link  
   *Use BFS to find the shortest path in a grid.*
2. **The Maze** (Medium)  
   Problem Link  
   *Solve a maze problem using BFS with a queue.*
3. **Minimum Genetic Mutation** (Medium)  
   Problem Link  
   *Use BFS to find the minimum mutations required for genetic transformation.*
4. **Open the Lock** (Medium)  
   Problem Link  
   *Use BFS to find the minimum steps to unlock a lock.*
5. **Jump Game VI** (Medium)  
   Problem Link  
   *Use a monotonic queue to optimize the jump game problem.*
6. **Shortest Bridge** (Medium)  
   Problem Link  
   *Use BFS to connect two islands in a grid.*
7. **Time Needed to Inform All Employees** (Medium)  
   Problem Link  
   *Use BFS to determine the time required to inform all employees.*
8. **Binary Tree Right Side View** (Medium)  
   Problem Link  
   *Use BFS to view the rightmost nodes of each level in a binary tree.*