

Online on Stack + Queue

Section: C1+C2

Time: 30 minutes

Problem: Reverse Contents of a Stack or Queue

Implement the following two functions:

1. **void reverseStack(Stack* s):** Reverses the contents of the given stack.
2. **void reverseQueue(Queue* q):** Reverses the contents of the given queue.

In each function, you are allowed to declare one extra stack or queue.

Write a main function to test the functions.

Note: You are not allowed to access or modify the internal representation (e.g., underlying list/array). You must only use the standard operations provided by the Stack and Queue.