R.13 Reading Guide

Concepts related to Q4

CPTR 242: Sequential and Parallel Data Structures and Algorithms, Walla Walla University

I. Read Chapters 5.3 in your text.

II. Thoughtfully answer the following questions.

    (a) We uses queues all the time. Give an example of a queue in real life.

    (b) Give a brief description of the two new operations that support encapsulation for a *Queue*.

        (i) Enqueue:

        (ii) Dequeue:

    (c) Explain how the book introduces *Counted Queue* without changing the queue class.

    (d) What were the most challenging concepts? What questions do you still have?