Chapter 3

The Standard Template Library (STL)

Exercise 3.1 [QUEUE] *Implement a class Queue with the help of two STL stacks. The class declaration can be found on my homepage. The public part of the class declaration shouldn't be changed!*

Exercise 3.2 [Quicksort] *Given the C++ code of a quicksort algorithm for an integer array (can be found on my homepage). Transform this algorithm into a generic algorithm as demonstrated in the course.*

Exercise 3.3 [Powerset] *Implement a generic function powerset which computes the powerset of a given set.*