Homework Assignment 6

This assignment is due by Tuesday April 26 (in class). Assignments should be handed in before the class begins.

**Problem 1**: Solve exercises 17.2-1 (page 458), 17.4-2 (page 471), 19.2-1 (page 518), 19.4-1 (page 526), and 21.2-1 (page 567) in the textbook.

**Problem 2**: Use the accounting method to analyze the implementation of disjoint sets using lists with the weighted union heuristic. You have to decide on the amortized cost of each operation and show that each operation can be performed using this cost plus unused cost reserved from previous operations.