# Assignment 5

# Due at the end of your lab

This assignment does not involve writing computer programs, but submitting written solutions to problems of algorithm design involving the paradigm of dynamic programming. The assignment is different for the different groups as indicated. All questions are from Chapter 15, on Dynamic Programming in Introduction to Algorithms **Edition** 3, by Cormen, Lieserson, Rivest and Stein. The reference is to the problems listed at the back of that chapter.

Monday group: problems 1 and 6

Tuesday group: problems 2 and 7

Wednesday group: problems 3 and 8

Thursday group: problems 4 and 9

Friday group: problems 5 and 10

**You need to submit your solutions on hand written paper to the teaching assistants at the end of the same lab.**