Institut for Matematik og Datalogi
Syddansk Universitet

November 13, 2003
JFB

Introduction to Computer Science
E03 – Lecture 11

Announcement 1

You can learn about career possibilities at KarriereKick, December 1, 15:00–17:00. There is information about it at

http://www.sdu.dk/Nat/fak/projekter/karrierekick/index.php.

Announcement 2

If you do not know if all of your assignments so far have been approved, please come see me. All assignments must be approved in order to pass the course.

Lecture, November 10

Kim Skak Larsen lectured on chapter 9.

Lecture, November 17

We will cover section 11.5 and the Knapsack Problem from sextion 11.6.

Lecture, November 24

Jørgen Bang-Jensen will lecture on heuristics.

Discussion section: week 47

Discuss the following problems from the textbook in groups of three or four.

1. Discuss questions 2, 3, and 5 from page 481.
2. Discuss problems 27, 29, 31, 32, 33, 37, 42, 44 on pages 491–493.
3. Discuss how the Shortest Path Problem (defined in lecture – given two cities, find the shortest path between them) and the Traveling Salesman Problem differ.
4. If we get to the Knapsack Problem in lecture, discuss questions 47, 48, and 49.

Assignment due 8:15, November 25

Late assignments will not be accepted. Working together is not allowed. (You may write this either in English or Danish, but write clearly if you do it by hand.)

1. Problem 26 on page 491.
2. Problem 30 on pages 491–492.
3. Problem 35 on page 492.