Institut for Matematik og Datalogi
Syddansk Universitet

November 20, 2003
JFB

Introduction to Computer Science
E03 – Lecture 12

Announcement 1 (repeat)

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 (repeat)

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 17

We covered section 11.5 and the Knapsack Problem from section 11.6.

Lecture, November 24

Jørgen Bang-Jensen will lecture on graph problems and heuristics.

Lecture, December 1

Brian Vinter will lecture on protein folding on a Grid computer.

Discussion section: week 48

Discuss the following problems, from the notes handed out in lecture 12, in groups of three or four.

1. Opgaverne 1.25, 1.26, 1.27, 1.28 and 1.29 in Bjarne Toft's notes. For 1.25, just use the graph given there, since 1.18 is not in the notes.

2. Problems 11 and 12 on page 438 of the notes handed out in lecture 12.

3. Problems 1a, 1b, 4 (except b.iii), 6, and 7 on pages 446–447 of the notes handed out in lecture 12.

4. Problems 14 and 15 on page 450 of the notes handed out in lecture 12.

Assignment due 8:15, December 2

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 1c on page 446 of the notes handed out in lecture 12.

2. Problem 4.b.iii on page 447 of the notes handed out in lecture 12.