

Introduction to Computer Science E05 – Lecture 12

Lecture, October 10

We covered section 11.2 through 11.4 and up through merge sort of section 11.5.

Lecture, October 13

We will finish section 11.5 and begin on artificial intelligence from chapter 10 of the textbook.

Lectures, October 17 and October 20

There will be no lectures or discussion sections in this week.

Lecture, October 24

We will continue with chapter 10 of the textbook.

Discussion section: week 43

1. Discuss questions 2, 3, and 5 on page 464.
2. Discuss questions 3 on page 470.
3. Discuss questions 2, 3, and 5 from page 485.
4. Discuss problems 20 and 25 on page 491.
5. Discuss problems 27, 29, 31, 32, 33, 37, 42, 44 on pages 491–493.

6. Discuss how the Shortest Path Problem (defined in lecture – given two cities, find the shortest path between them) and the Traveling Salesman Problem differ.
7. Discuss the social issues 1, 2, 5, 6, and 7 on pages 493–494.

Assignment due 10:00, Friday, October 28, in my office

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.) Explain your answers.

1. Do problem 4a on page 489.
2. Do problem 14 on page 490.