

Introduction to Computer Science E03 – Lecture 4

Lecture, September 15

Edmund Christiansen lectured on sections 1.5, 1.6, and 1.7. The book's interpretation of the mantissa in floating points is not IEEE-standard and hence somewhat outdated: The book says that the mantissa 1010 means 0.1010 and that the first bit is always 1 in normalized numbers. IEEE-standard says that 1010 means 1.1010, meaning that the fixed normalization bit is a "hidden bit" before the radix point. This way the first bit in the mantissa may be 0.

Lecture, September 22

We will finish section 1.8, cover section 1.9 and begin on chapter 3, covering sections 3.1 through 3.4.

Lecture, September 29

Peter Kornerup will lecture on networks from sections 3.5 and 3.6.

Discussion section: week 39

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

Page 64: Problems 1, 2, 5a, 6.

Page 123: Problem 3.

Page 127: Problems 1, 2, 4.

Page 148: Problems 8, 13, 14.

Page 151: Problem 46.

Assignment due 8:15, September 30

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. Do problem 5b on page 64 in the textbook.
2. Do problem 40 on page 150 in the textbook.