

# Introduction to Computer Science

## E03 – Lecture 3

### **Lecture, September 8**

We covered sections 1.2, 1.3, 1.4, and the first part, “Generic Data Compression Techniques”, of section 1.8 of chapter 1 in the textbook. We also covered sections 2.1, 2.2, 2.3, and 2.4 of chapter 2, plus Appendix C.

### **Lecture, September 15**

Edmund Christiansen will lecture on sections 1.5, 1.6, and 1.7.

### **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.

### **Discussion section: week 38**

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

Page 51: Problems 1a, 1c, 2c, 3b, 3d, 4c, 6.

Page 56: Problems 1a, 1b, 1c, 1d, 2a, 2b, 2c, 2d.

Page 68: Problem 46.

Page 70: Problems 1, 5, 7.

Page 61: Problem 1.

Page 103: Problem 28.

## **Assignment due 8:15, September 23**

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 1f on page 51 in the textbook.
2. Do problem 3c on page 51 in the textbook.
3. Do problem 1e on page 56 in the textbook.
4. Do problem 2e on page 56 in the textbook.

## **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.