Institut for Matematik og Datalogi
Syddansk Universitet

September 12, 2008
JFB

Introduction to Computer Science
E08 – Week 4

Lecture, September 8

We covered sections 3.3 and 3.4 in chapter 3 (we will cover section 3.5 later, along with some other security-related topics). An introduction to LaTeX was given.

Lecture, September 15

We will cover up through section 4.4 of chapter 4 (section 4.5 will be covered later in the course). We may begin on chapter 5.

Lecture, September 17

Kim Skak Larsen will lecture on databases from chapter 9 of the textbook.

Lecture, September 22

We will begin on chapter 5.

Discussion section: first in week 39

Try the following before coming to discussion section. Bring your HTML file to the discussion section (on a USB key or on your own laptop).

- Try doing an `sftp` command. You can login to an IMADA machine using the IP address 130.225.128.198 or changing the last digit to any other. To start it, you can use `sftp login@130.225.128.198`, using your own `login`. Before doing this, use the `man` command to find out

how to use it. The most relevant commands are `get`, `put`, `cd`, and `quit`. Try copying files back and forth.

- Try doing an `ssh` command to login to the same machine as with `sftp`. You can check if the file you put there is actually there.
- Try creating an HTML page with at least one link. View it using your browser. What happens when you try changing the `title` in your HTML code? What is the difference between `h1` and `h2`?
- View some HTML page on the Internet. Look at the page source (HTML code) for the page. This can be done through your browser. For example, from Mozilla Firefox, you can get it through the `View` menu.

Discuss the following in groups of three or four (the page numbers and problem numbers are from the textbook):

1. Discuss your experiences with the above experiments, and show each other your HTML.
2. Page 189: Problem 4.
3. Page 206: Problems 1, 2, 3, 4.
4. Page 216: Problem 13, 16, 18, 25.
5. Pages 218–9: 3, 4, 5, 7, 8 (how easy is it to control what cookies are placed on your computer)?.

Discussion section: second in week 39

The following links are to tutorials which could help you with SQL questions:

- http://www.w3schools.com/SQL/default.asp
- http://www.geocities.com/SiliconValley/Vista/2207/sql1.html

Discuss the following in groups of three or four (the page numbers and problem numbers are from the textbook):

1. Pages 474–478: Problems 7, 9, 10, 12, 13, 18, 24, 25, 26, 28, 38.
2. Page 480 questions 3, 6, 7, 9.

Assignment due 12:15, September 29

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.) Next to your name, write the section you are in.

Do the following problems in the textbook:

1. Page 216: Problem 28.
2. Page 476: Problem 15.