Institut for Matematik og Datalogi
Syddansk Universitet

September 13, 2010
JFB

Introduction to Computer Science
E10 – Lecture 6

Announcement:

Thursday lectures will now be in U71, instead of U28.

Lecture, September 13, 8:15–10, U37

We covered up through section 3.4 in the textbook (we will cover section 3.5 later, along with some other security-related topics). We began on chapter 4, covering most of section 4.1.

Lecture, September 20, 8:15–10, U37

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

Lecture, September 23, 14:15–16, U71

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

Discussion section: September 29, 12:15–14, U28

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 130.225.128.194 or changing the last digit to (almost) 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 - though depending on your textbook, you may have to subtract 18 from the page numbers):

- Discuss your experiences with the above experiments, and show each other your HTML.

- Page 189: Problem 4.

- Page 206: Problems 1, 2, 3, 4.

- Page 216: Problem 13, 16, 18, 25.

- Pages 218–9: 3, 4, 5, 7, 8 (how easy is it to control what cookies are placed on your computer)?.