Institut for Matematik og Datalogi

Syddansk Universitet

November 25, 2011

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Programmering B
4th Weekly Note (E11, Week 48)

Reading for Week 48

Sections 7.1, 7.2.1, 7.2.3–7.2.4, 7.3.1–7.3.4, 7.4, 7.5.1–7.5.2, 9.1.1–9.1.2, and 9.2 of "Introduction to Programming Using Java"

Lecture: Monday, November 28, 12-14 (U20)

In this lecture we will finish our introduction into the Swing GUI framework. Then we will introduce the concept of an abstract data type and look at the list ADT and several implementations.

Lecture: Wednesday, November 30, 10-12 (U20)

First we will refresh and deepen our understanding of recursion. Then we will transfer the idea of recursion from recursive algorithms to recursive data structures. We will see how a simple recursive data structure can provide another interesting implementation of the list ADT.

Lab: see detailed schedule on course home page

Solve Exercises 7.2 and 7.6 (using `Scanner` and `PrintStream` instead of `TextIO`) from the course book. Then solve Quiz 9.3 followed by Exercise 9.3. If you are fast, also solve Exercise 7.3.