

## Programmering B

### 3rd Weekly Note (E11, Week 47)

#### **Reading for Week 47**

Sections 6.1, 6.3.1–6.3.4, 6.3.6, 6.4.1–6.4.4, 6.5.2, 6.6, 6.7.1–6.7.4, 6.8.1–6.8.2 of “Introduction to Programming Using Java”

#### **Lecture: Monday, November 21, 12-14 (U20)**

In this lecture we will finish our overview of Java’s advanced object-oriented concepts. We will then introduce the basics of GUI programming in Java using the Swing framework.

#### **Discussion: see detailed schedule on course home page**

Meet in the assigned room.

Take the Quizzes 1, 5, 6, 7, 8, 9, 10, and 12 from Chapter 6 of the course book and discuss them in groups of 2 or 3. Then discuss your answers with the other groups.

Then go together through the full example of Section 6.7.4 of the course book. Discuss all details of the implementation in `CalcPanel.java` until you understand them. The file `CalcPanel.java` is available from:

<http://imada.sdu.dk/~petersk/DM503/programs/CalcPanel.java>

#### **Lab: see detailed schedule on course home page**

Solve Exercises 6.7, 6.8, and 6.1 and 6.8 from the course book. If you are fast, also solve Exercises 6.2 and 6.3.