Institut for Matematik og Datalogi

Syddansk Universitet

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Programmering B
6th Weekly Note (E11, Week 50)

Project - Part 2

The second part of the project starts with Monday's lecture, which will feature a short introduction on the topic. For more information, please see the course home page:

> http://imada.sdu.dk/~petersk/DM503/#project

Note that the topic of Monday's lecture is very relevant for the project, providing an example of a multivariate tree as needed in the project.

Reading for Week 50

Sections 7.2.2, 10.1.3–10.1.7, 10.2.1–10.2.3, 10.3.1, 10.3.3, 10.4.2–10.4.4, 10.5, 11.1.1–11.1.5, and 11.2.1–11.2.2 of "Introduction to Programming Using Java"

Lecture: Monday, December 12, 12-14 (U20)

In this lecture we first repeat last weeks' most important aspects of the Tree ADT. Then we will look at two applications: binary sorting trees and multivariate trees.

Lecture: Wednesday, December 14, 10-12 (U20)

In the ninth lecture we learn how to use the Java collection framework including its requirement for implementations of the `equals` and the `hashCode` methods. Based on this, we will learn about the Set ADT and the Map ADT. We will also learn more about how to write generic classes and methods, and, based on this, how to implement our own collection classes.

Lab: see detailed schedule on course home page

Solve Exercises 10.3 and 10.4. Then implement Quizzes 10.4, 10.9, 10.11.