

Programmering A

6th Weekly Note (E10, Week 40)

Reading for Week 40

Sections 11.1, 11.2 in “Java Software Solutions”;

Section 3.19 in “Noter og opgaver”;

Look at the classes “TreeMap” and “Comparator” in the Java class library:
(<http://download-llnw.oracle.com/javase/6/docs/api/>).

Lecture: Tuesday, October 5, 10-12 (U140)

In the final lecture we introduce the concept of recursion. We close the lecture by an introduction of the second part of the project.

Exercises: see schedule for time and room

Discuss the second part of the project: What can be reused from the previous part of the project? How can the contents of a HashMap be sorted? How can histograms be compared?

Lab: see schedule for time, IMADA’s terminalrum

Write a class Pair that can hold a String and an Integer. Make the class implement Comparator and Comparable (in a clever way). Experiment sorting the contents of a HashMap<String,Integer> into an ArrayList by using Pair and TreeMap or Collections.sort(...).

Then, start with the design and the implementation of the second part of the project.