

Programming A

6th Weekly Note (E14, Week 41)

Reading for Week 41

- Chapter 18 of “Think Python: How to Think Like a Computer Scientist”

Lecture: Tuesday, October 7, 10-12 (U140)

We will start by repeating and extending what we learned about strategies for selecting data structures, i.e., we tried to get a better understanding for when to use which (combination of) data structures. In the second part of the lecture, we extend our knowledge about file handling and introduce the use of simple databases.

Lecture: Thursday, October 9, 12-14 (U140)

We first present the second part of the exam project. Then we start on the topic of object-orientation by introducing users-defined types and the difference between functions and methods.

Exercises: see detailed schedule on course home page

Discuss the solution to the Exercises in Chapter 13 from the textbook. You may use the file `book.py` available from the course home page. Then discuss and do Exercise 13.9 as well as Exercises 14.1–14.4.

Labs: see detailed schedule on course home page

Do Exercises 14.5–14.6 and 15.1–15.4.

Study Groups

Use your study group to discuss the parts of the project that go beyond the pre-delivery. Find out which tasks you can already do and what concepts you still need to learn in order to be able to handle the remaining tasks.