

# Programming A

## 5th Weekly Note (E11, Week 39)

### Exam Project Part 1

Please remember the project deadline (September 30, 12:00). Get started, if you have not already!

### Reading for Week 39

- Chapters 13-15 of “Think Python: How to Think Like a Computer Scientist”

### Lecture: Monday, September 26, 12-14 (U20)

We start by quickly repeating what we learned about tuples. Then, we will try to understand when to use which data structures. In the second part of the lecture, we extend our knowledge about file handling and start on the topic of object-orientation.

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

For this discussion section, there is a lot of practical work. So please meet up in IMADAs terminal rum! Note that especially Exercise 11.7 requires good preparation *before* the discussion section.

Your first task is to give your teaching assistant feedback on you progress with the project. The teaching assistant will note down i) how many people have not begun yet (hopefully == None), ii) how many people have started, but are somewhat stuck, iii) how many people have started and are progressing nicely, and iv) how many people have finished.

Then do Exercises 11.1–11.5 and 11.7–11.9 from the textbook. If you are quick, also do Exercise 11.10.

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

First continue with any left-over exercises from the discussion section.

Then do Exercises 12.1–12.3. If you are quick, try yourself on Exercises 12.4–12.5.

### Study Groups

Use your study group to discuss how to select data structures. Then tell each other about your progress with the first part of the project and determine if any members of the study group need help (on the idea, discussion, and methodology level or with some technical problems).