Introduction to Programming
4th Weekly Note (E12, Week 39)

Reading for Week 39

- Chapters 11-12 of "Think Python: How to Think Like a Computer Scientist"

Lecture: Monday, September 23, 08-10 (U46)

In this lecture, we will learn about lists, dictionaries, and tuples. Then we will try to understand which data structures are useful in which situations. Finally, if time permits, we will learn more about file handling.

Labs: see detailed schedule on course home page

Do Exercises 9.1–9.6 from the textbook. Implement Exercises 9.7–9.9. Then do Exercises 10.1–10.5.

If you are very quick, do Exercises 10.6–10.10.

Exercises: see detailed schedule on course home page

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 11.1–11.6 and 11.8 from the textbook. If you are quick, also do Exercise 11.9–11.10.

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