

# Programming A

## 3rd Weekly Note (E11, Week 37)

### **Install Party: Tuesday, September 13, 10-14 (Fredagsbar)**

On Tuesday, September 13, there will be a Python and Linux install party in the Fredagsbar (south of Kantine II). All participants of DM502 and all other interested are welcome to join us in setting up Python and Linux installations for those who would like to use them on their own computers.

### **Reading for Week 37**

- Chapters 7–10 of “Think Python: How to Think Like a Computer Scientist”

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

We will start by repeating the idea of recursive functions. Please take a look at the slides from the previous lecture and try to understand what questions you want to ask during the lecture.

Then we will learn about programming using iteration (while loops and for loops). Finally, we will learn how to work with strings by understanding them as sequences of characters.

### **Lecture: Wednesday, September 14, 10-12 (U20)**

In this lecture we will deepen our understanding of strings as sequences and learn about other sequences in Python, in particular about lists.

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

First do Exercises 6.1, 6.3, and 6.8. Then continue with 6.4–6.7. Continue with 7.1–7.5.