

# Introduction to Programming

## 6th Weekly Note (E17, Week 41)

### Reading for Week 41

- **Obligatory:** Chapters 17–18 of “Think Python”
- *Supplementary:* Chapters 20–22 of “The Coder’s Apprentice”

### Lecture: Monday, October 9, 12-14 (U140)

We continue on the topic of object-orientation by introducing methods and inheritance.

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

- **Obligatory:** Exercise 1 from Chapter 15. Exercise 1 from Chapter 16.
- *Supplementary:* Exercise 2 from Chapter 15. Exercise 2 from Chapter 16.

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

Get help on your project!

- **Obligatory:** Exercise 1 from Chapter 17. Exercise 2 from Chapter 18.
- *Supplementary:* Exercise 2 from Chapter 17. Exercise 3 from Chapter 18.

### Study Groups

Use your study group to reflect on your experience with the project and to get or receive help, depending on how far you have gotten with it. Start by reflecting on the project and identify each 3 challenges that you encountered during the project. Mark them as “SOLVED” or “PENDING” depending on whether you found a solution yet. Challenges can be both technical or process-oriented. An example could be “understanding how to identify the base case” or “writing a report for a computer science course”. Be as concrete as possible.

Collect the challenges in the group and cluster similar ones, e.g. on a blackboard or whiteboard. If there is a cluster that contains both SOLVED and PENDING challenges, team up those that marked the challenge SOLVED with those that marked it PENDING in order to see how their solution can be transferred.

If a cluster contains only PENDING, discuss it in the group and try to find a solution. If this takes too long, split up in smaller groups and work separately until you find a solution (or give up) and communicate it to the other groups. Afterwards, continue with the next challenge.