Python Lab Week 7

- By now you should be familiar with the material on **strings** (week 5) and **control flow** (week 6).
- **On strings,** the `.split(), .replace(), .lower()` functions are particularly useful.
  On control flow, note in particular the section on "Exceptions", and the `break` and `continue` keywords.
- This week we'll practice working with **files,** mainly **text files.**
- **Example: Reading** from a file

```
with open("file.csv", mode="rt", encoding="utf8") as f:
    l1 = f.readline() # first line
    l2 = f.readline() # second line
    for line in f:
        print(line)
```

- **Example: Writing** to a file

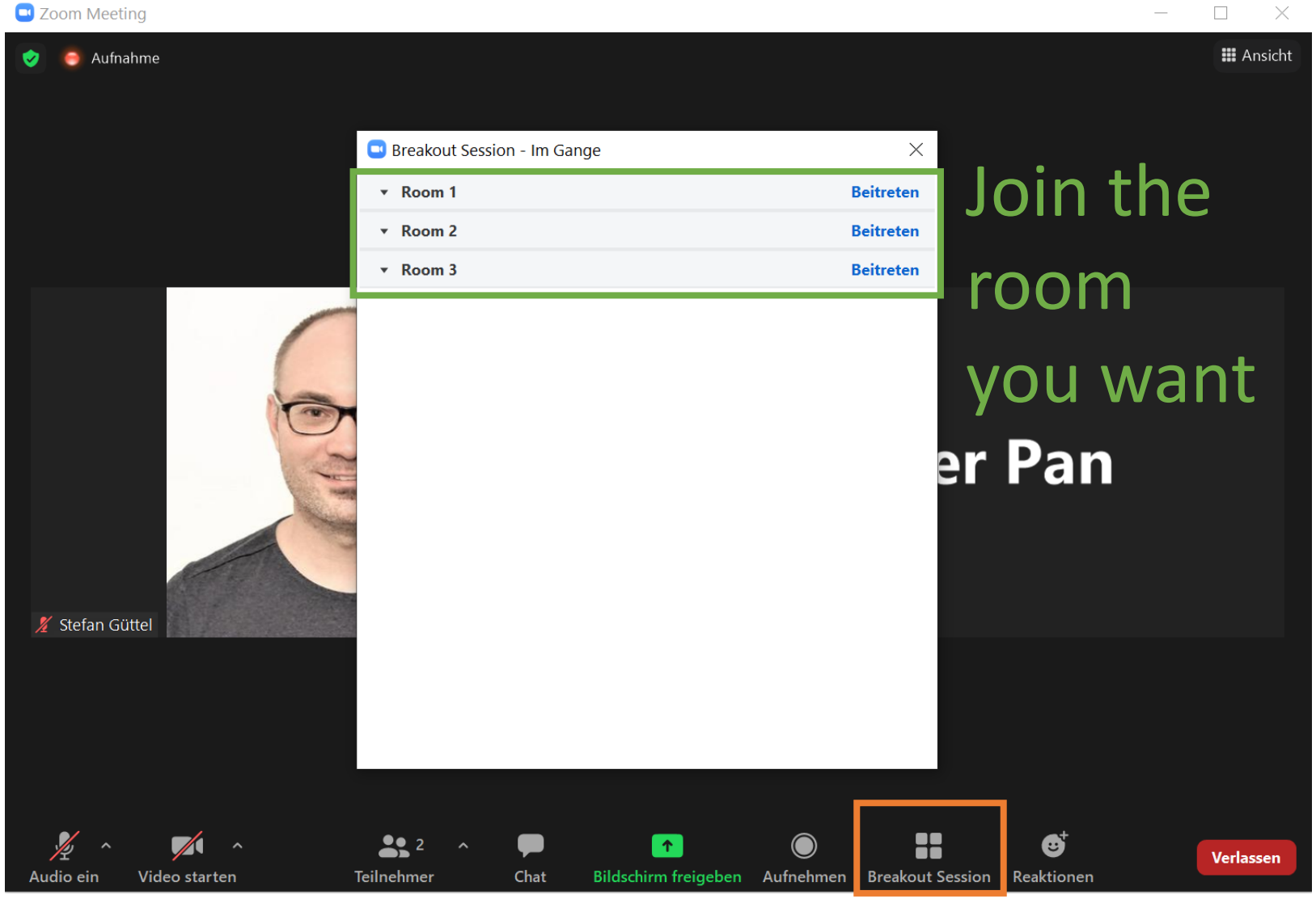
```
with open("file.csv", mode="wt", encoding="utf8") as f:
    f.write("some text")
```

You have (hopefully) attempted the week 7 home exercises, and can now proceed with the week 7 lab exercises.
If not, start with problem 1 on both week 7 sheets, and then work your way through all week 7 exercises.

Any questions or stuck, please don't hesitate to ask the helpers ☺

Breakout rooms

Home exercise Problem 1	Room 1
Home exercise Problem 2	Room 2
Home exercise Problem 3	Room 3
Lab exercise Problem 1	Room 4
Lab exercise Problem 2	Room 5
Lab exercise Problem 3	Room 6
Lab exercise Problem 4	Room 7

Breakout rooms

With latest Zoom version (5.3.2), maximise Zoom app and look for **[Breakout Session]** button at the bottom