

Python Lab Week 4

By now you should be familiar with

- basic data types and arithmetic operations like `x//y`, `x%y`, `x**y`
- for loops, while loops, if-else statements, and conditionals
- **functions**, how to define and use them

Reminder: Functions obtain their **parameters from the header** of their definition, **not** from an input command! They usually **use** `return` **not** `print()`!

This is wrong:

```
def mysum(a,b):
    a = input("input a=")
    b = input("input b=")
    s = a + b
    print(s)


print(mysum(2,3)) # testing
```

This is correct:

```
def mysum(a,b):
    s = a + b
    return s

def main():
    print(mysum(2,3)) # testing, should print 5
main()
```

Good idea: Write your functions and some testing code with fixed parameters in a `main()` function. No need for any `input()` commands! This will allow you to quickly debug your functions. You just need to rerun the code (F5 key).



You have (hopefully) attempted the week 4 home exercises, and can now proceed with the week 4 lab exercises. If not, start with problem 1 on both week 4 sheets, and then work your way through all week 4 exercises.

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

Breakout rooms

Home exercise Problem 1/2

Room 1

Home exercise Problem 3

Room 2

Home exercise Problem 4

Room 3

Home exercise Problem 5

Room 4

Lab exercise Problem 1

Room 5

Lab exercise Problem 2/3

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

The screenshot shows the Zoom Meeting interface. At the top, it says "Zoom Meeting" with window control buttons. Below that, there's a status bar with "Aufnahme" (Recording) and "Ansicht" (View). The main area shows a video feed of a man named "Stefan Güttel" and a large white box. A dropdown menu titled "Breakout Session - Im Gange" is open, listing three rooms: "Room 1", "Room 2", and "Room 3", each with a "Beitreten" (Join) button. The "Breakout Session" button in the bottom toolbar is highlighted with an orange box. The bottom toolbar also includes icons for "Audio ein", "Video starten", "Teilnehmer" (2), "Chat", "Bildschirm freigeben", "Aufnehmen", "Reaktionen", and "Verlassen".

Zoom Meeting

Aufnahme

Ansicht

Breakout Session - Im Gange

- Room 1 [Beitreten](#)
- Room 2 [Beitreten](#)
- Room 3 [Beitreten](#)

Stefan Güttel

Join the room you want er Pan

Audio ein Video starten Teilnehmer 2 Chat Bildschirm freigeben Aufnehmen **Breakout Session** Reaktionen Verlassen