

Python Programming for Data Science

Week 36, Monday

Course information & practicalities

Schedule — teaching

Lectures/Exercises

Monday	9:15-12:00
--------	------------

Friday	9:15-12:00
--------	------------

Schedule — teaching

Lectures/Exercises

Monday	9:15-12:00
--------	------------

Friday	9:15-12:00
--------	------------

Teaching consists of lectures and exercises

Schedule — teaching

Lectures/Exercises

Monday	9:15-12:00
--------	------------

Friday	9:15-12:00
--------	------------

Teaching consists of lectures and exercises

(last year's prerecorded lectures will also be uploaded)

Schedule — teaching

Lectures/Exercises

Monday	9:15-12:00
--------	------------

Friday	9:15-12:00
--------	------------

Teaching consists of lectures and exercises

(last year's prerecorded lectures will also be uploaded)

Handin help sessions

Tuesday	13:15-15:00
---------	-------------

Friday	13:15-15:00
--------	-------------

Teachers

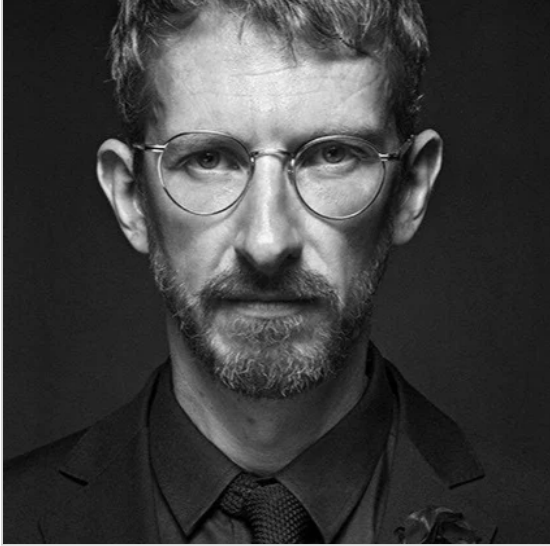


Thomas



Wouter

Teachers



Thomas



Wouter

And seven secondary teachers:

Dan, Giannos, Jakob FS, Jakob GA, Ziheng, Marloes, and Sebastian

Weekly hand-ins

When?

- Handed out every Tuesday at 18:00
- Handed in Tuesday the week after, also at 18:00

Weekly hand-ins

When?

- Handed out every Tuesday at 18:00
- Handed in Tuesday the week after, also at 18:00

How many do I need to do?

You need to pass all but one

Weekly hand-ins

When?

- Handed out every Tuesday at 18:00
- Handed in Tuesday the week after, also at 18:00

How many do I need to do?

You need to pass all but one

How do I pass a handin?

Your submission must pass all tests

Weekly hand-ins (2)

What if I make mistakes?

You are allowed to make up to 50% errors in the submission for the Tuesday deadline, but you must get 100% correct before the end of the course in order for a handin to be approved.

Weekly hand-ins (2)

What if I make mistakes?

You are allowed to make up to 50% errors in the submission for the Tuesday deadline, but you must get 100% correct before the end of the course in order for a handin to be approved.

Can we get feedback?

Weekly hand-ins (2)

What if I make mistakes?

You are allowed to make up to 50% errors in the submission for the Tuesday deadline, but you must get 100% correct before the end of the course in order for a handin to be approved.

Can we get feedback?

- You can always ask the TAs or teachers for help.

Weekly hand-ins (2)

What if I make mistakes?

You are allowed to make up to 50% errors in the submission for the Tuesday deadline, but you must get 100% correct before the end of the course in order for a handin to be approved.

Can we get feedback?

- You can always ask the TAs or teachers for help.
- Feel free to use the discussion boards

Weekly hand-ins (2)

What if I make mistakes?

You are allowed to make up to 50% errors in the submission for the Tuesday deadline, but you must get 100% correct before the end of the course in order for a handin to be approved.

Can we get feedback?

- You can always ask the TAs or teachers for help.
- Feel free to use the discussion boards
- We will go through the hand-in on Fridays (after the Tuesday deadline).

Submitting the hand-ins

You will submit your hand-in through Absalon (new!)

Shortly after, you will receive an email with feedback

Submitting the hand-ins

You will submit your hand-in through Absalon (new!)

Shortly after, you will receive an email with feedback

```
handin1_test.py::test_ex1 PASSED [ 10%]
handin1_test.py::test_ex2 PASSED [ 20%]
handin1_test.py::test_ex3 PASSED [ 30%]
handin1_test.py::test_ex4 PASSED [ 40%]
handin1_test.py::test_ex5 PASSED [ 50%]
handin1_test.py::test_ex6 PASSED [ 60%]
handin1_test.py::test_ex7 PASSED [ 70%]
handin1_test.py::test_ex8 FAILED [ 80%]
handin1_test.py::test_ex9 FAILED [ 90%]
handin1_test.py::test_ex10 PASSED [100%]
```

```
===== FAILURES =====
test_ex8
...
```

Submitting the hand-ins

You will submit your hand-in through Absalon (new!)

Shortly after, you will receive an email with feedback

```
handin1_test.py::test_ex1 PASSED [ 10%]
handin1_test.py::test_ex2 PASSED [ 20%]
handin1_test.py::test_ex3 PASSED [ 30%]
handin1_test.py::test_ex4 PASSED [ 40%]
handin1_test.py::test_ex5 PASSED [ 50%]
handin1_test.py::test_ex6 PASSED [ 60%]
handin1_test.py::test_ex7 PASSED [ 70%]
handin1_test.py::test_ex8 FAILED [ 80%]
handin1_test.py::test_ex9 FAILED [ 90%]
handin1_test.py::test_ex10 PASSED [100%]

===== FAILURES =====
_____ test_ex8 _____
...
```

This will be explained in detail on Absalon.

Exam

5-day long take-home exam.

More information on this later.

Material

Literature

- Slides and lectures (available from Absalon)

Online material

- Python tutorial (official)
- <https://www.learnpython.org/>
- Learn Python the hard way
- Linux/Unix part: Unix tutorial for beginners

Interactive

- Code Academy

The Absalon course website

A few key pointers:

- Course schedule

 - Overview of which topics will be covered when (and by whom)

- Module for each week

 - The week modules will contain links to the slides and prerecorded lectures.

- Extra stuff:

 - how to convert slides into PDF, extra Python exercises, ...