Exam instructions for Programming for Data Science course
2024

The total duration of the exam will be 1h30'.

The exam will be done on computers, ideally your laptops. Please bring those already charged as there may be limited number of power plugs in the examination room.

During the exam you can have access to course slides, textbooks or any notes that you wish.

You are not allowed to have access to the internet or AI-tools, nor to communicate with any other person to assist you in solving the exam.

Make sure you have Python version 3.10 or newer installed, ideally Python 3.12. Please also have already installed the tools we were using throughout the semester, namely: jupyter notebooks, numpy, pandas, matplotlib, git, pylint, unittest.

If you do not have a laptop or are unable to use yours please let us know by June 7th and we'll organize alternatives for you. Please also inform us by the same date if you need to be seated next to a power bank because of limited laptop battery life, so we can make the necessary arrangements.

Please also bring your student ID, as we will control the attendance of all students.

An exemplar exam & solutions can be found on Ilias, under "Homework Assignments". (Note that the duration of the final exam is indeed 1h30min, contrary to the information in the sample exam where it says 60 minutes).

The following list is material that we covered in the course for completeness but will NOT be part of the exam:
- Lambda functions
- Docker containers
- *args **kargs

Hints:
- Read instructions carefully and do exactly what is asked for. Ex.: when asked to write a function, do so; when asked to use pandas dataframe methods, do so, etc.
- Test your code!
- When working in a jupyter notebook, reset the kernel and test if the code still works (and that for example you are not using variable names that you changed later).
- When you can't reach the final result of a task, comment what didn't work and how you tried to solve the problem.