<link rel=stylesheet type=text/css href=./_style/slides_style.css>

Homework:

1. Starting a local Jupyter lab server and Managing Virtual Environments

- use the shell to create a virtual environment and install Jupyter Lab
- start jupyterlab with the virtual environment activated
- call it in your browser or IDE of choice (e.g. vs code, pycharm)
- create a new notebook and run some code, save the notebook, and close the server
- deactivate the virtual environment
- start the server again and open the notebook you created before

2. Running Notebooks from IDE

- configure your development environment (Spyder, PyCharm, Visual Studio Code...) to use a virtual environment
- run a Jupyter lab / notebook from your development environment

Homework:

3. Running Scripts

- use the **development environment** (Pycharm, vscode) of your choice to write a script that takes a name as an argument and prints a greeting

```
python greet.py Sebastian
# expected output: Hello Sebastian
```

- run the script form the shell
- run the script form your development environment
  - use the terminal in your IDE
  - use the run button in your IDE
  - configure different run configurations in your IDE (one with your name/argument, one with another name/argument