

# Effective Programming Practices for Economists

## Basic Python

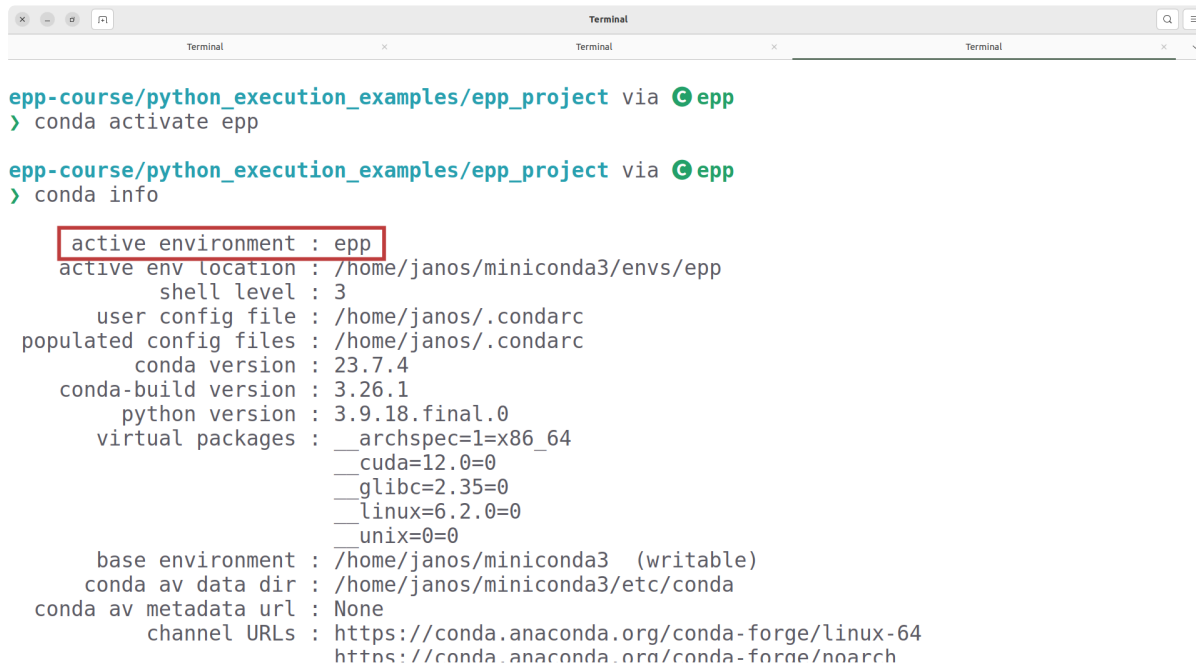
### Executing ".py"-files from the shell

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# Preparation


- We assume you have installed anaconda and created the course environment
- Open a shell in the root directory of your project
  - On Windows, use the powershell
  - If conda is not recognized in the powershell, check out this [stackoverflow post](#)
- Activate the environment using `conda activate epp`
- Confirm the activation worked using `conda info`

# 0: Activate and Info



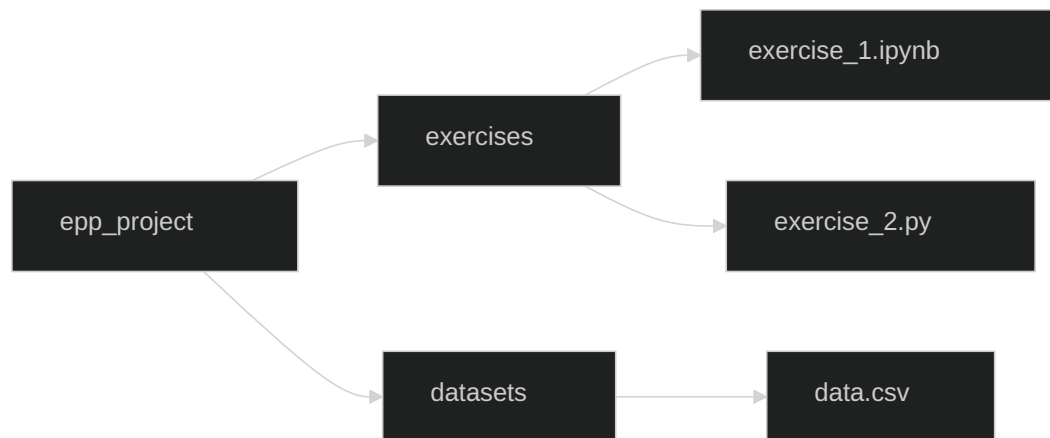
```
Terminal
Terminal
Terminal

epp-course/python_execution_examples/epp_project via  epp
> conda activate epp

epp-course/python_execution_examples/epp_project via  epp
> conda info

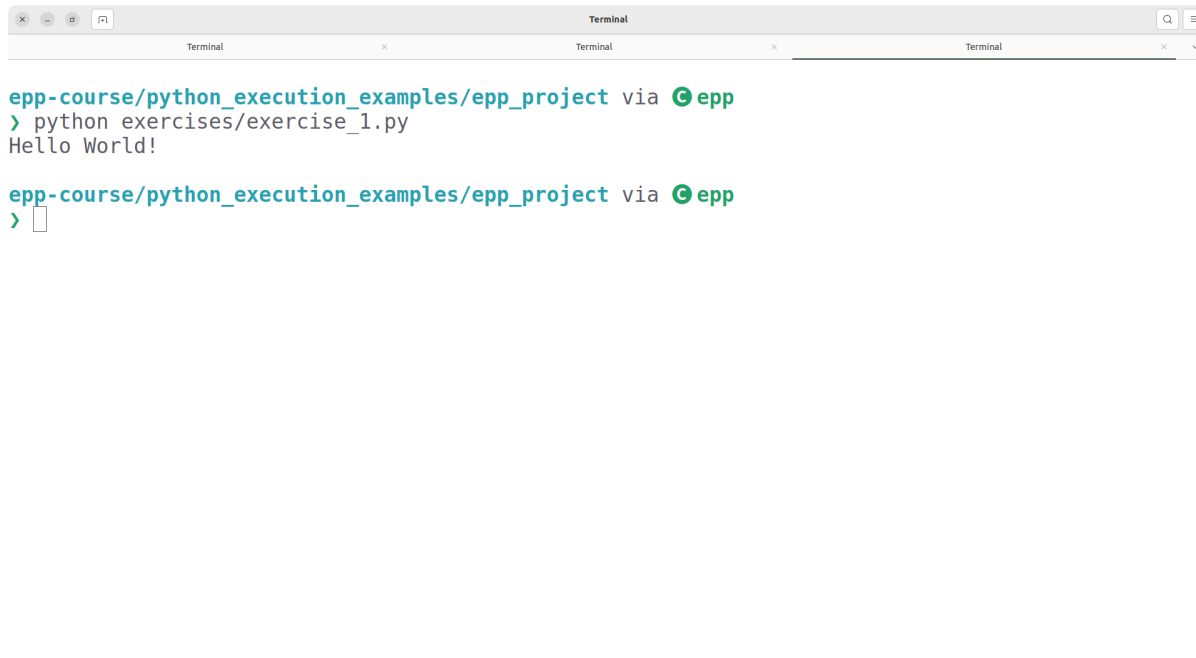
active environment : epp
active env location : /home/janos/miniconda3/envs/epp
shell level : 3
user config file : /home/janos/.condarc
populated config files : /home/janos/.condarc
conda version : 23.7.4
conda-build version : 3.26.1
python version : 3.9.18.final.0
virtual packages : __archspec=1=x86_64
                  __cuda=12.0=0
                  __glibc=2.35=0
                  __linux=6.2.0=0
                  __unix=0=0
base environment : /home/janos/miniconda3 (writable)
conda av data dir : /home/janos/miniconda3/etc/conda
conda av metadata url : None
channel URLs : https://conda.anaconda.org/conda-forge/linux-64
              https://conda.anaconda.org/conda-forge/noarch
```



# Example Project Structure



- Our shell is in the `epp_project` directory
- We want to run `exercise_1.py`
- Command is `python exercises/exercise_1.py`

# 1: Execute

A screenshot of a terminal window with three tabs, each labeled 'Terminal'. The active terminal shows the following text:

```
epp-course/python_execution_examples/epp_project via  epp  
> python exercises/exercise_1.py  
Hello World!  
  
epp-course/python_execution_examples/epp_project via  epp  
> 
```