

Effective Programming Practices for Economists

Basic Python

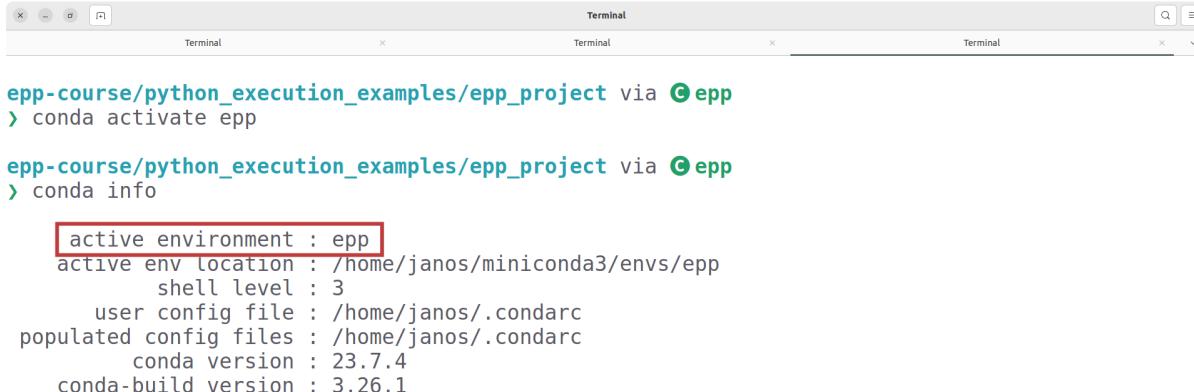
Executing ".py"-files from the shell

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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`

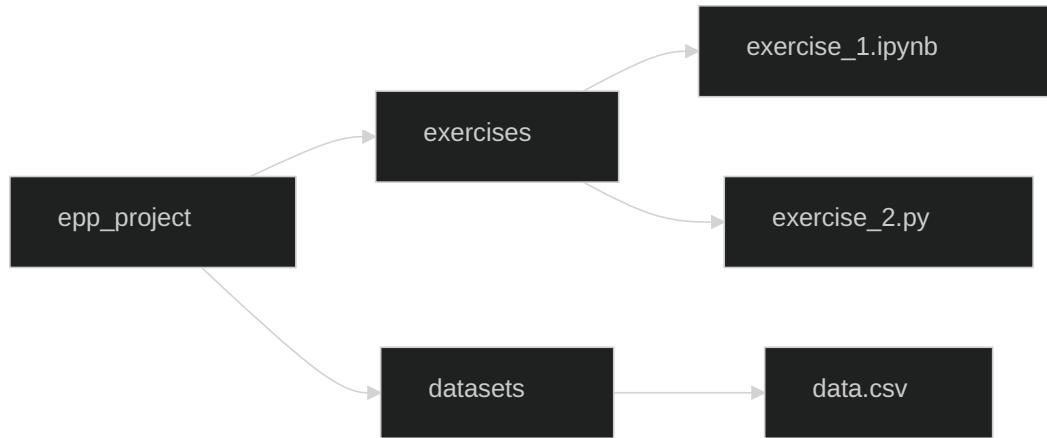
0: Activate and Info



The image shows three terminal windows side-by-side. The first terminal window contains the command `conda activate epp`. The second terminal window contains the command `conda info`. The third terminal window shows the output of the `conda info` command, which provides detailed information about the active environment. A red box highlights the line `active environment : epp` in the output.

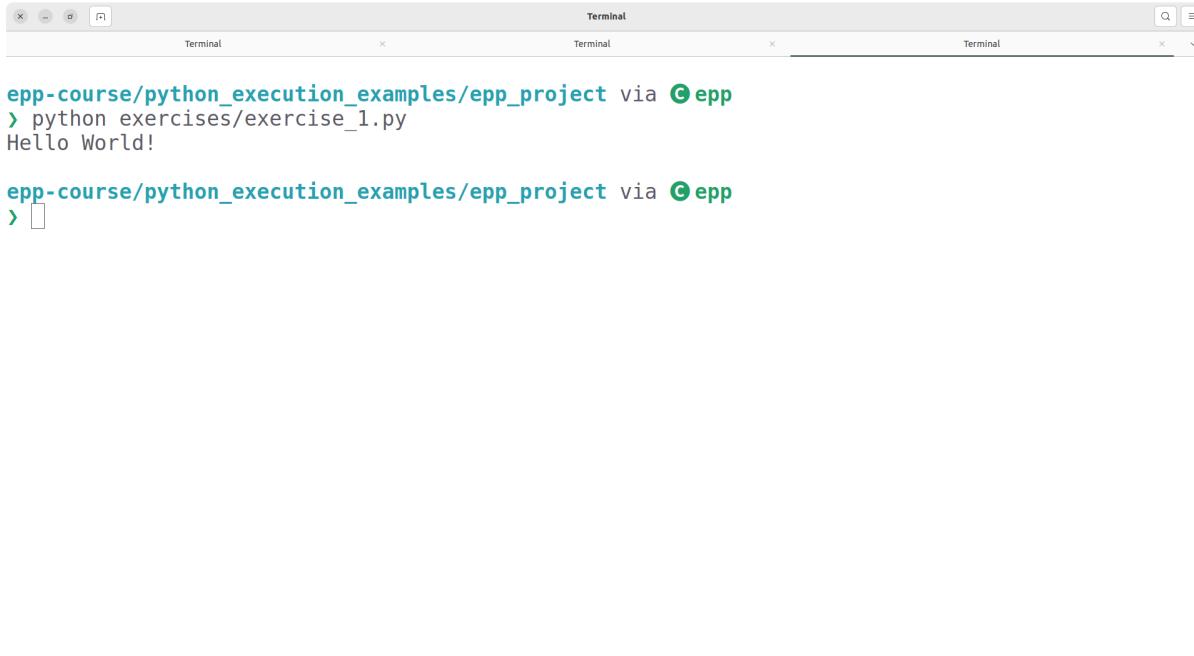
```
active environment : epp
active env location : /home/janos/miniconda3/envs/epp
    shell level : 3
    user config file : /home/janos/.condarc
populated config files : /home/janos/.condarc
    conda version : 23.7.4
    conda-build version : 3.26.1
    python version : 3.9.18.final.0
    virtual 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



The image shows three separate terminal windows side-by-side. Each window has a title bar labeled "Terminal". The first terminal window contains the following text:
epp-course/python_execution_examples/epp_project via C epp
> python exercises/exercise_1.py
Hello World!

The second terminal window contains the following text:
epp-course/python_execution_examples/epp_project via C epp
> 