

Effective Programming Practices for Economists

Basic Python

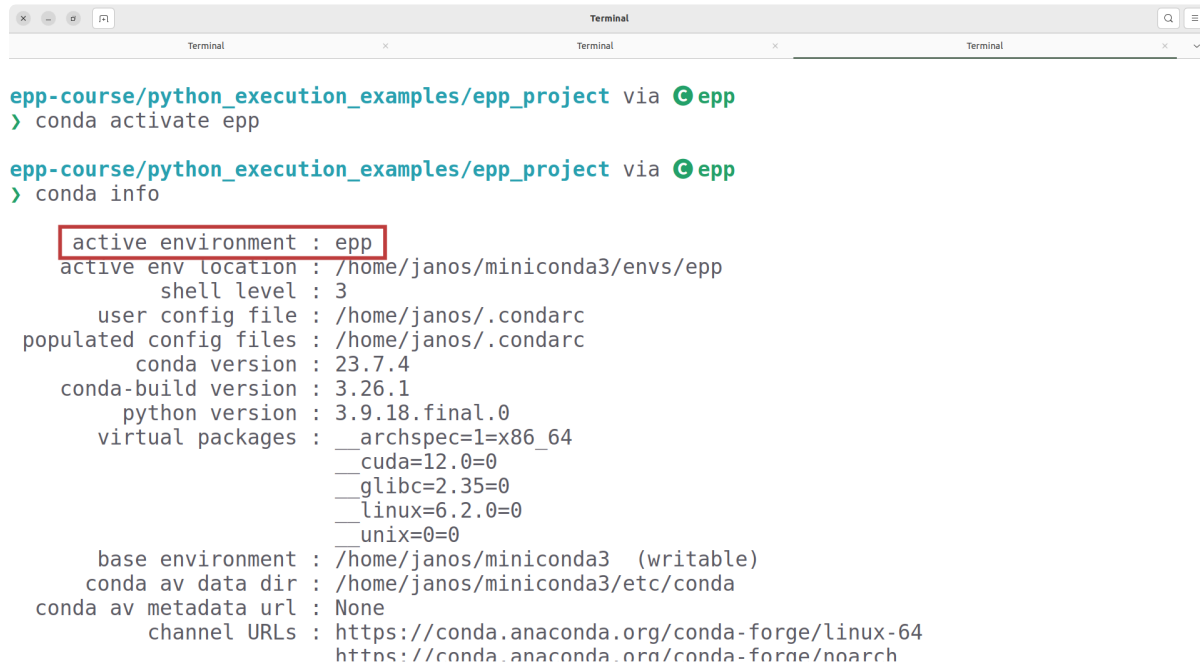
Executing ".py"-files from the shell


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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 anaconda prompt or 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



```
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

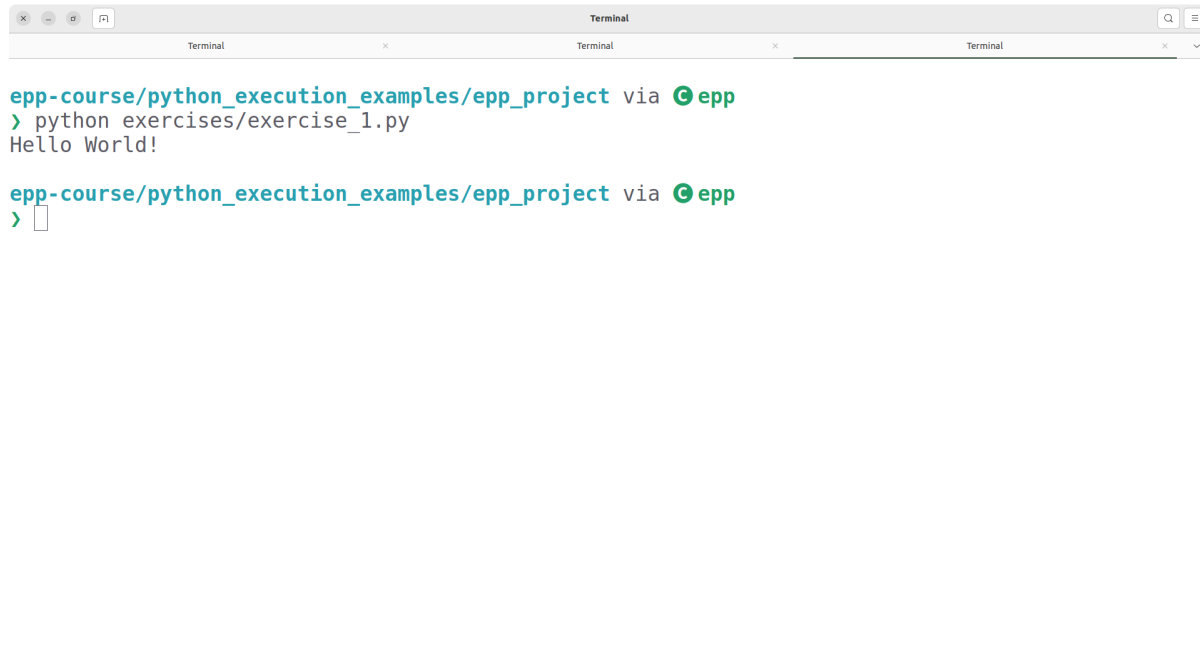
  base environment : /home/janos/miniconda3 (writable)
  conda av data dir : /home/janos/miniconda3/etc/conda
  conda av metadata url : None
  channel URLs : https://conda.anaconda.org/conda-forge/linux-64
                https://conda.anaconda.org/conda-forge/noarch
```

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 macOS-style terminal window with three tabs labeled 'Terminal'. The active tab shows a shell prompt at the directory 'epp-course/python_execution_examples/epp_project'. The user enters the command 'python exercises/exercise_1.py', which outputs 'Hello World!'. The prompt then changes to a new shell, indicated by the 'via epp' text. The user enters a single space character, and the prompt returns to the original shell.

```
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  
>   
epp-course/python_execution_examples/epp_project via epp  
> 
```