

Effective Programming Practices for Economists

Basic Python

Executing ".py"-files from VS Code

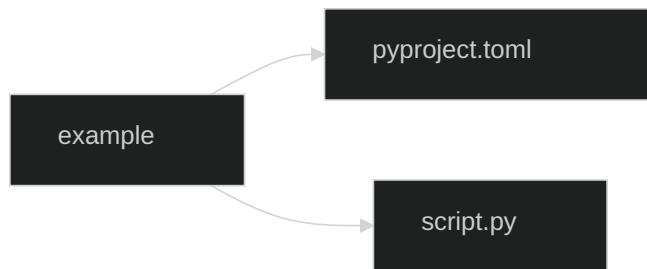
Janoś Gabler, Hans-Martin von Gaudecker, and Tim Mensinger

Preparation

We assume you have:

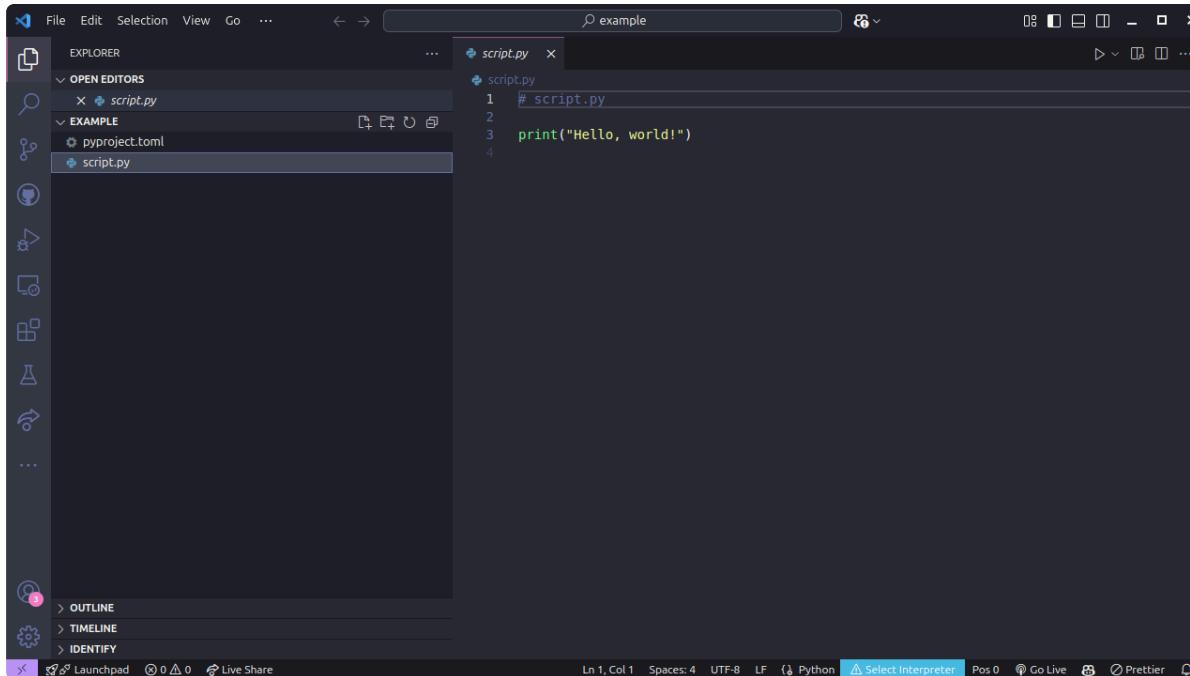
- Installed pixi
- Installed VS Code with all relevant Python extensions
- Opened the root directory of your project in VS Code, which contains a `pyproject.toml` file

Example project structure



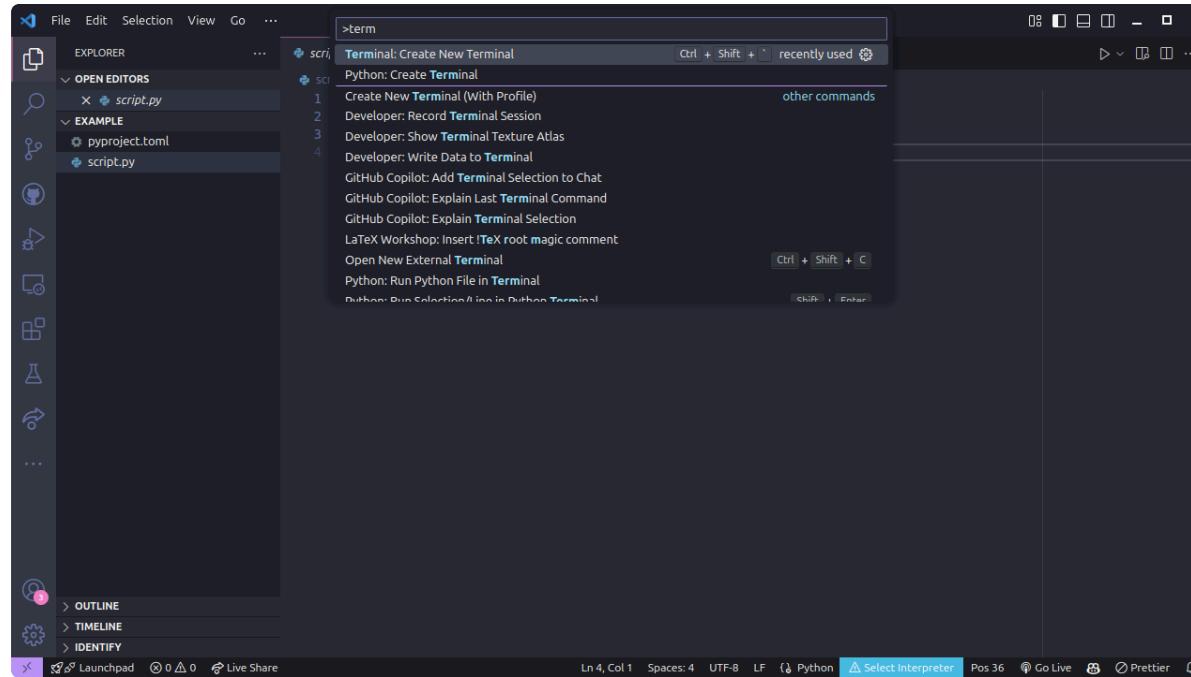
- We want to run `script.py` in VS Code

1. Open the file

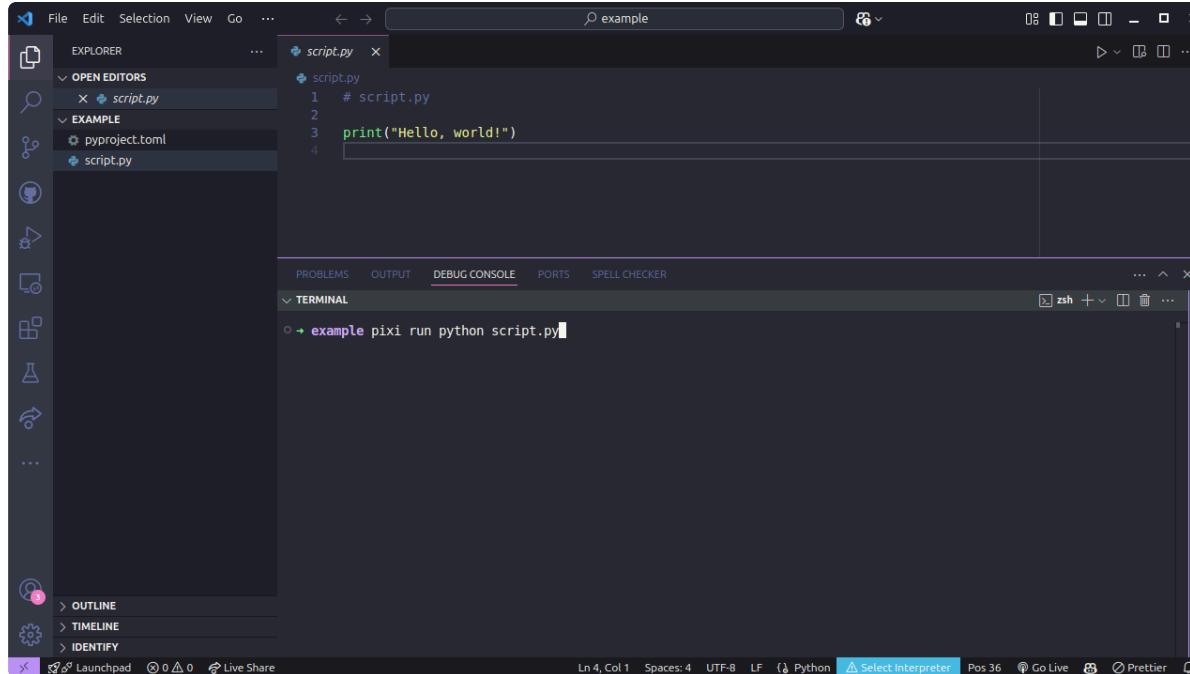


2. Command palette (ctrl + shift + p)

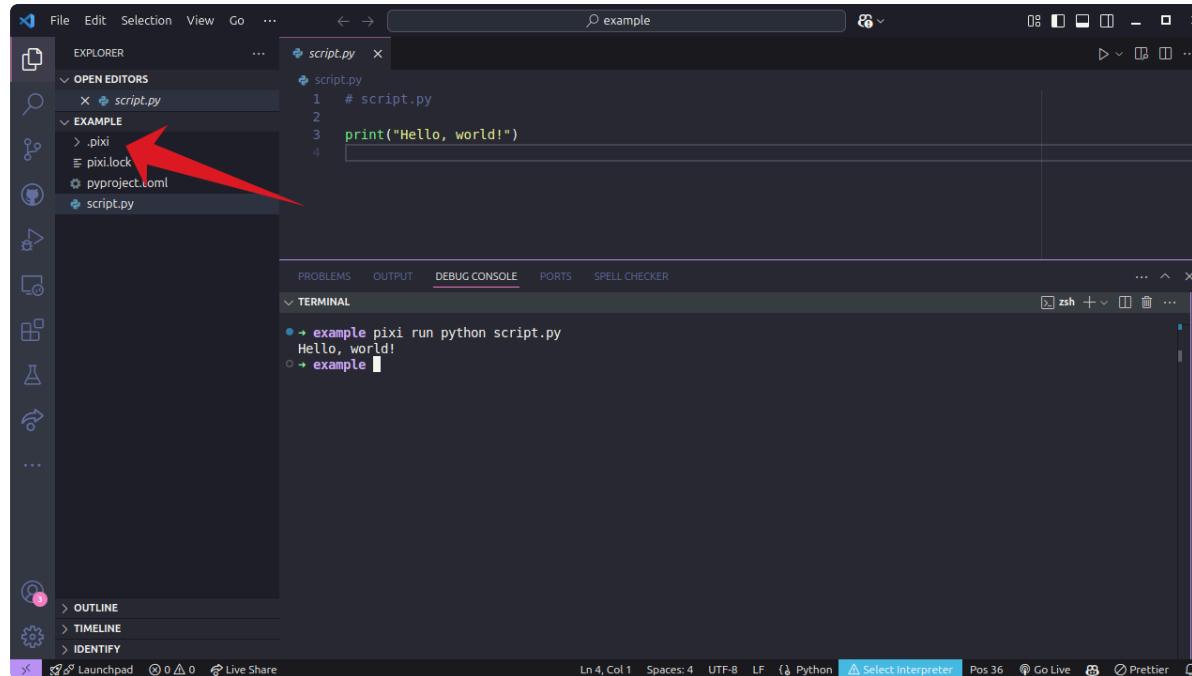
Create a new terminal



3. Type `pixi run python script.py`

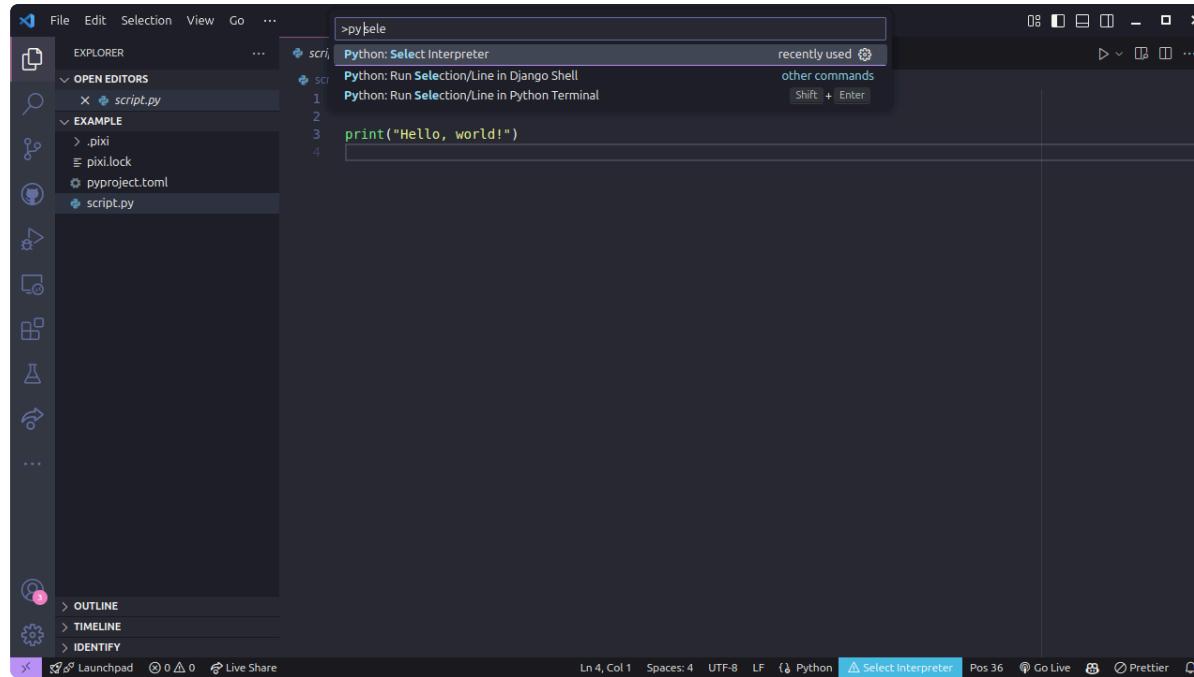


4. .pixi folder with Python exists now

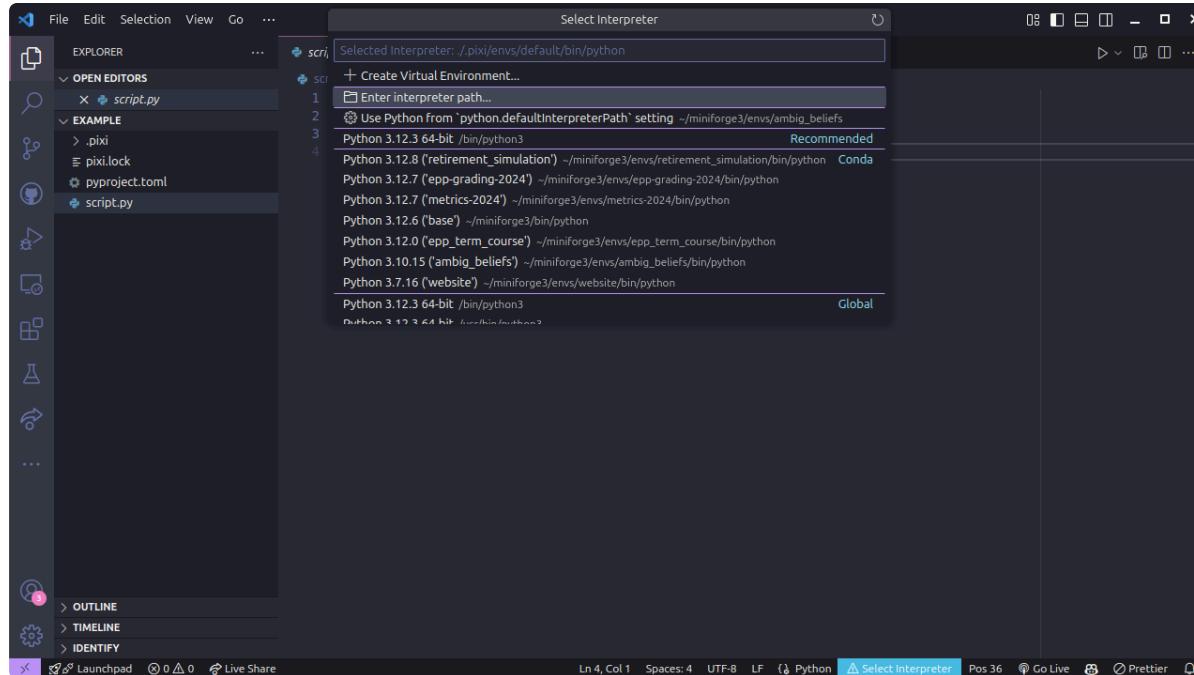


5. Hard way I: Select Interpreter

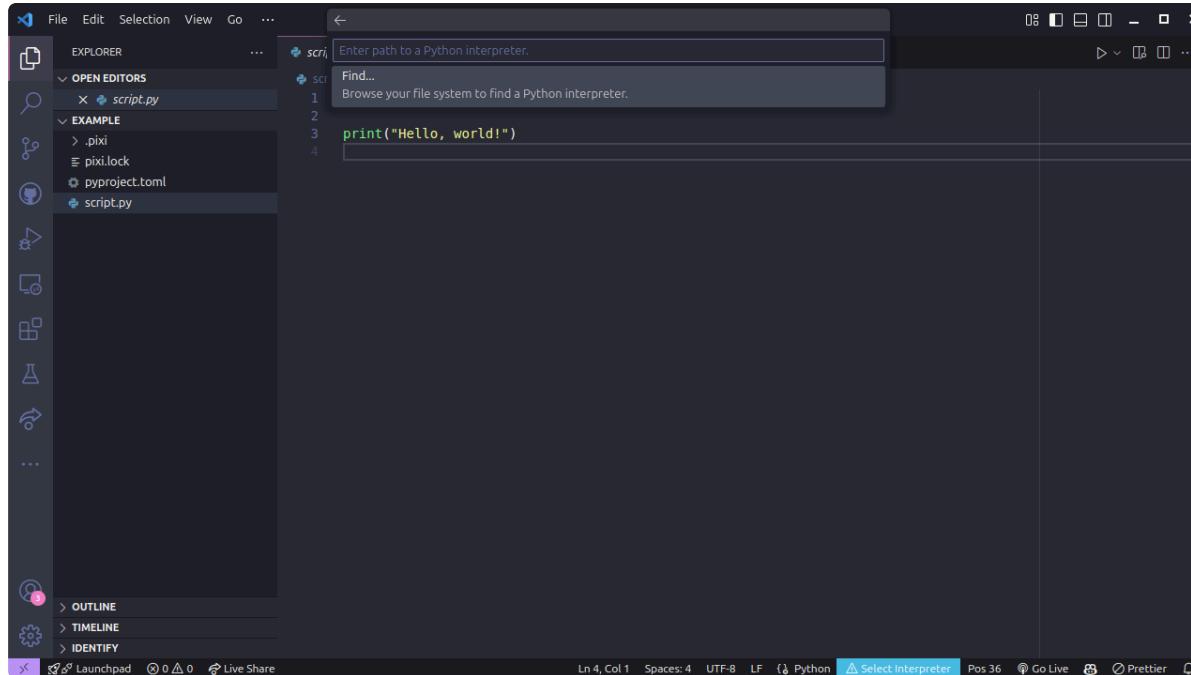
Again via command palette (ctrl + shift + p)



6. Hard way II: Pick "Enter ... path"

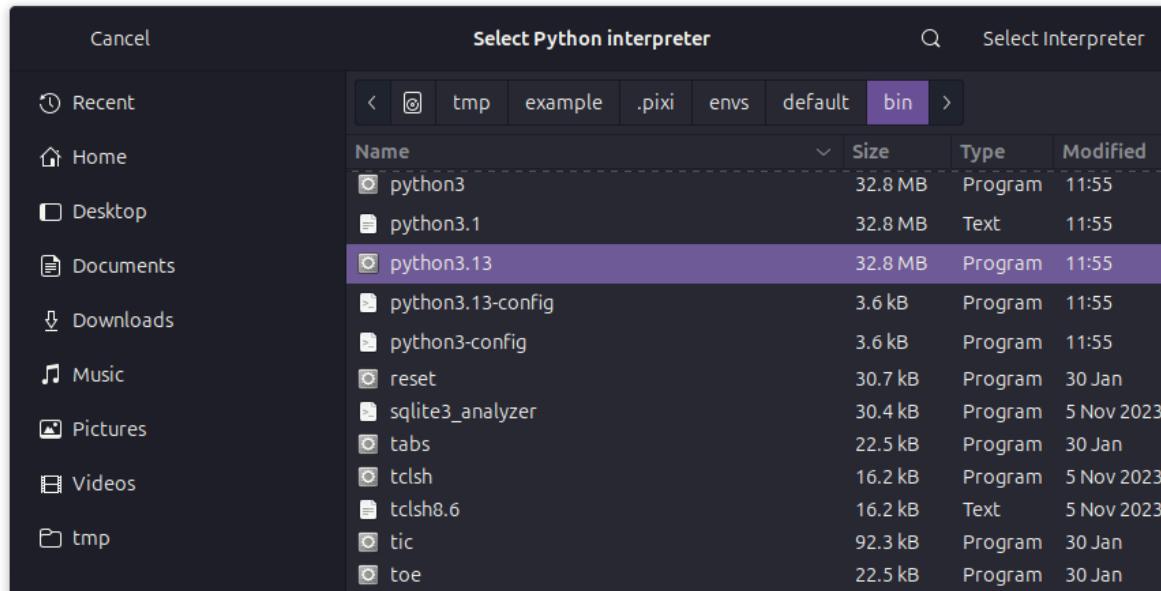


6. Hard way III: Pick "Find..."

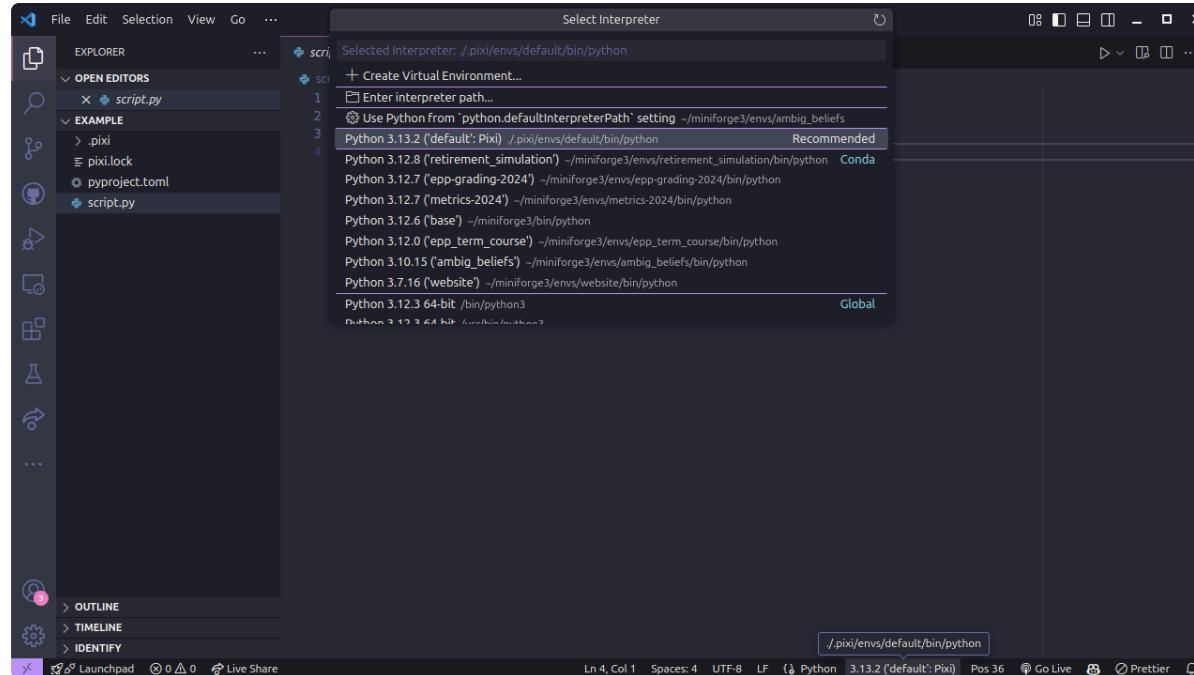


7. Hard way IV: Pick the right one

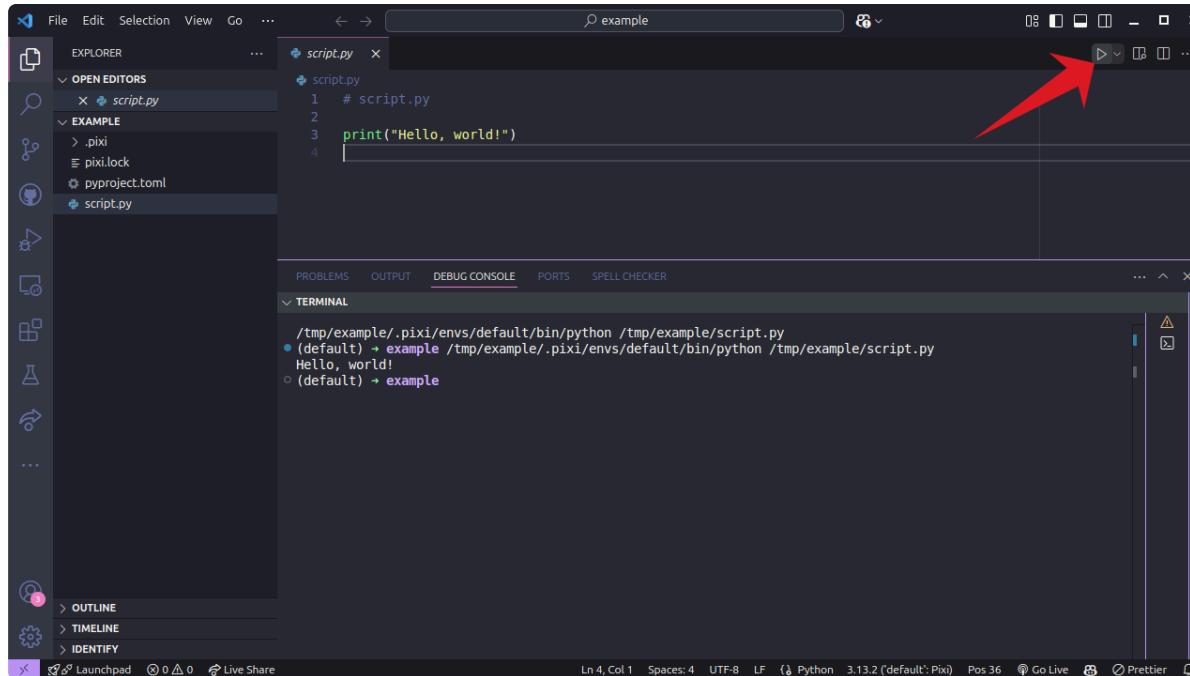
Located in `.pixi/envs/default/bin/python[version]`



8. Easier: Close and reopen VS Code



9. Finally: Run the file



Important

Whenever you come back to the project, you start directly with the last step