

# **Effective Programming Practices for Economists**

## **Basic Python**

### **Executing ".py"-files from VS Code**

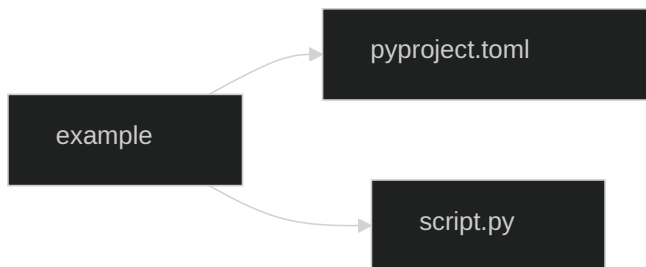
Janoś Gabler, Hans-Martin von Gaudecker, and Tim Mensinger

# Preparation

We assume you have:

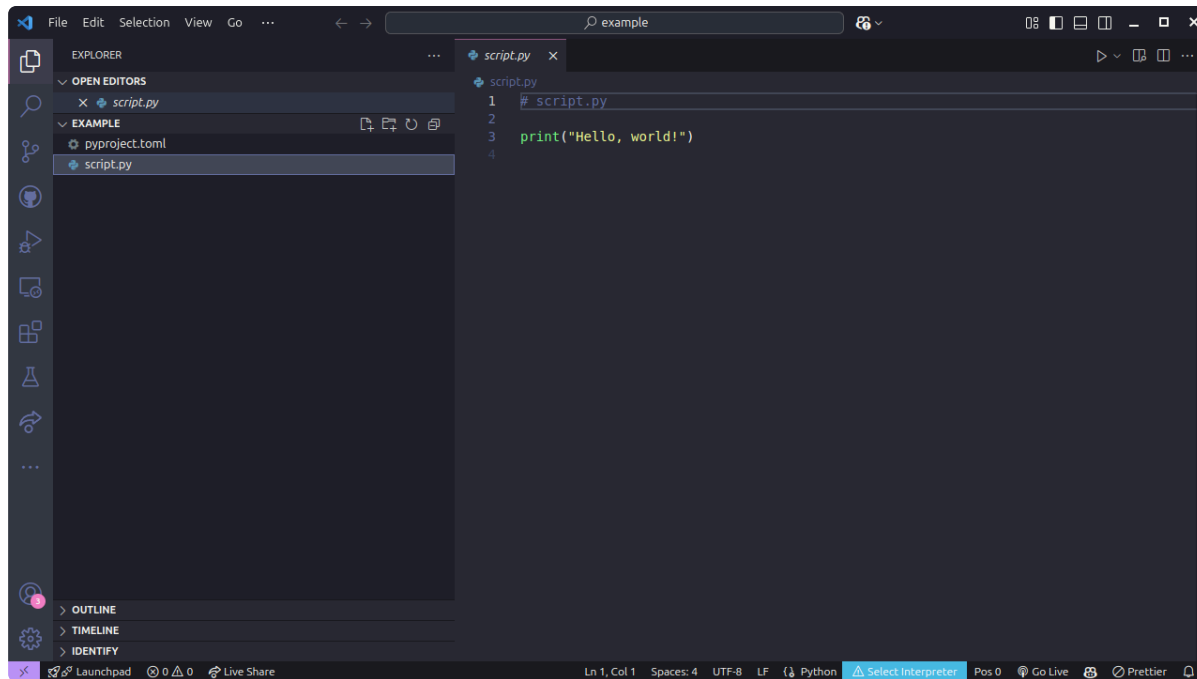
- Installed pixi
- Installed VS Code with all relevant Python extensions
- Opened the root directory of your project in VS Code, which contains a `pyproject.toml` file

# Example project structure



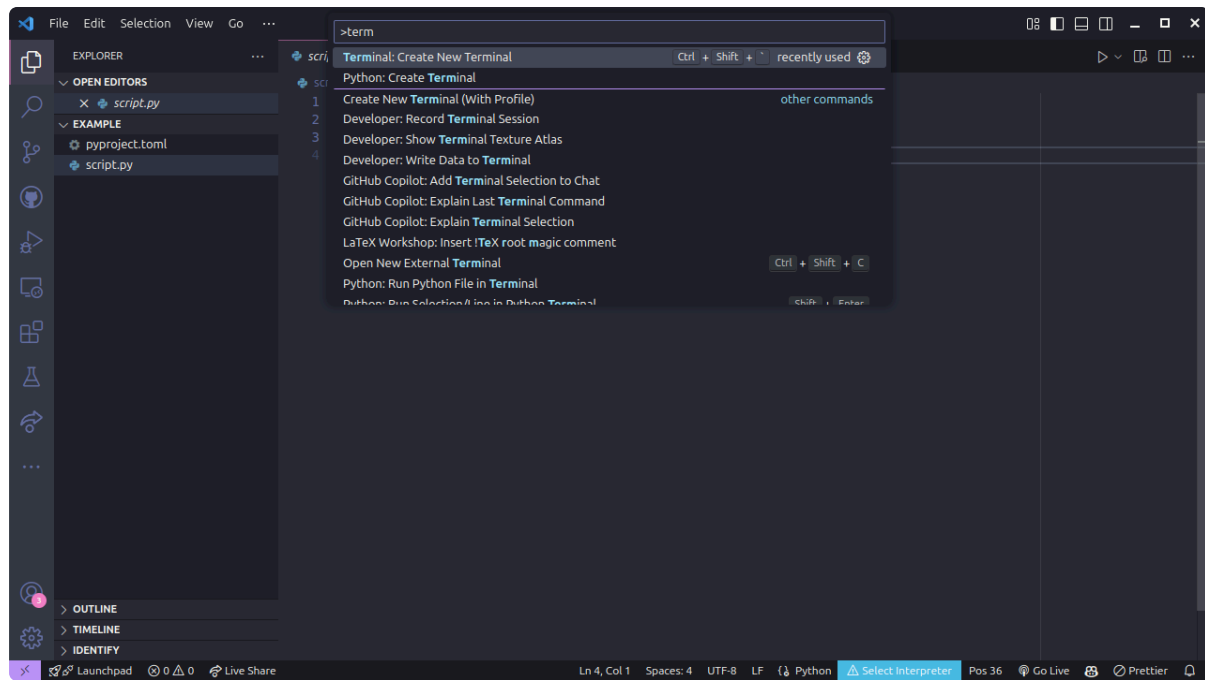
- We want to run `script.py` in VS Code

# 1. Open the file

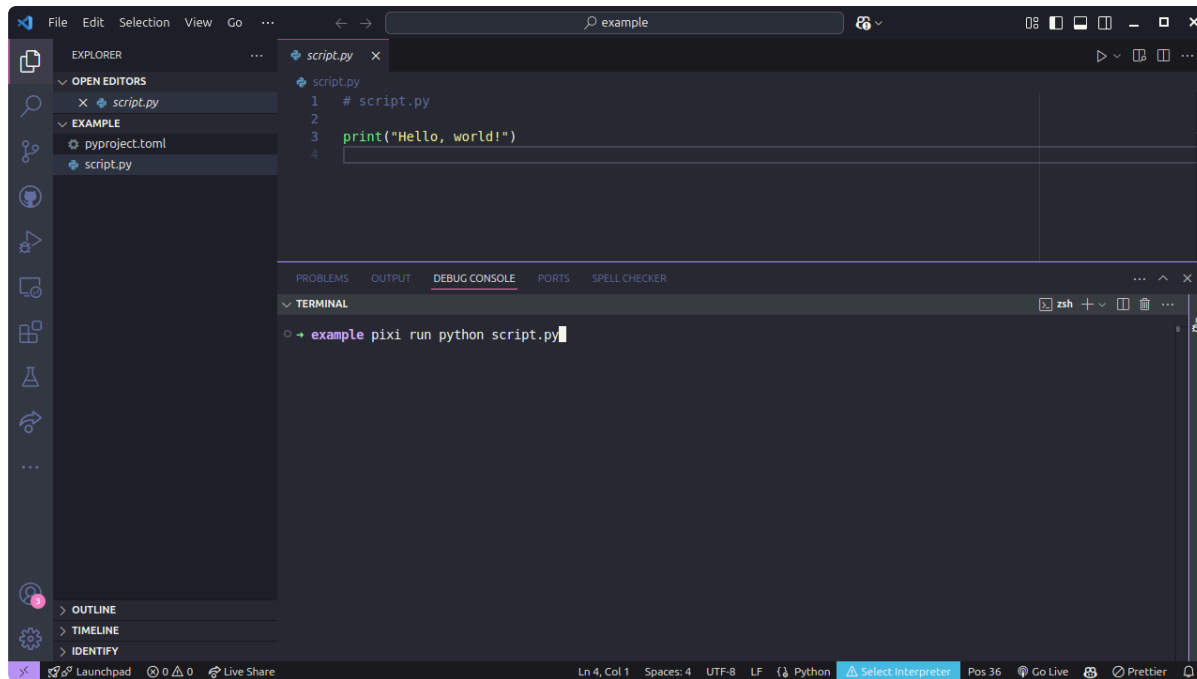


## 2. Command palette (ctrl + shift + p)

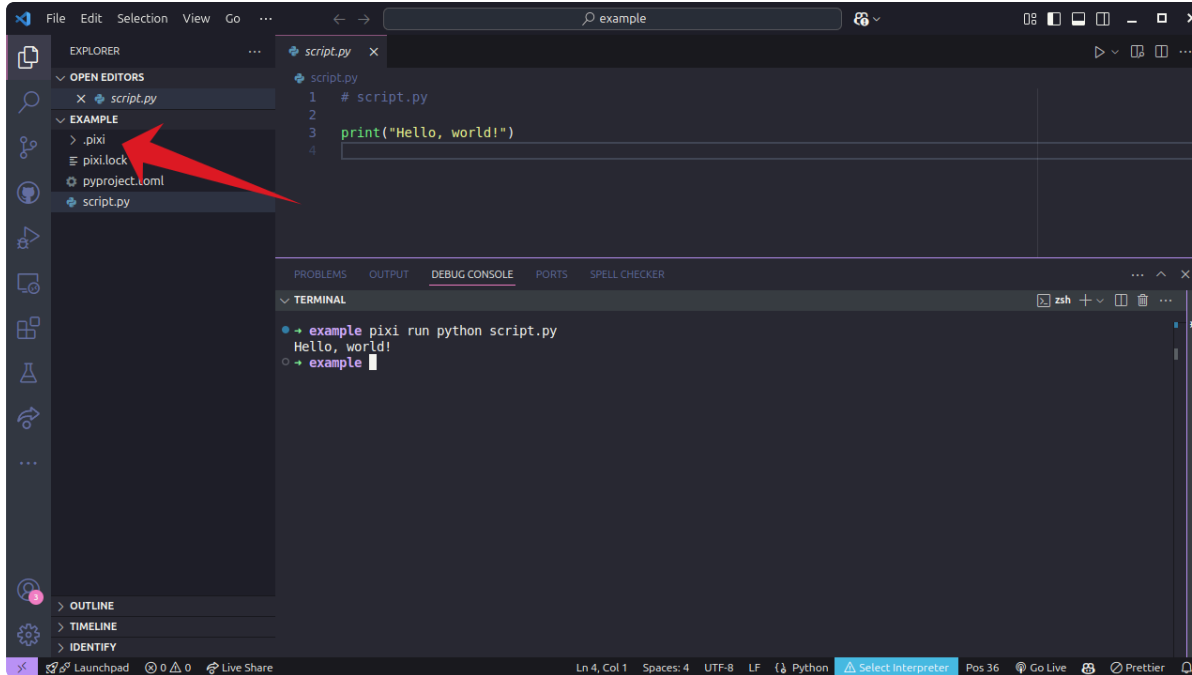
Create a new terminal



# 3. Type `pixi run python script.py`

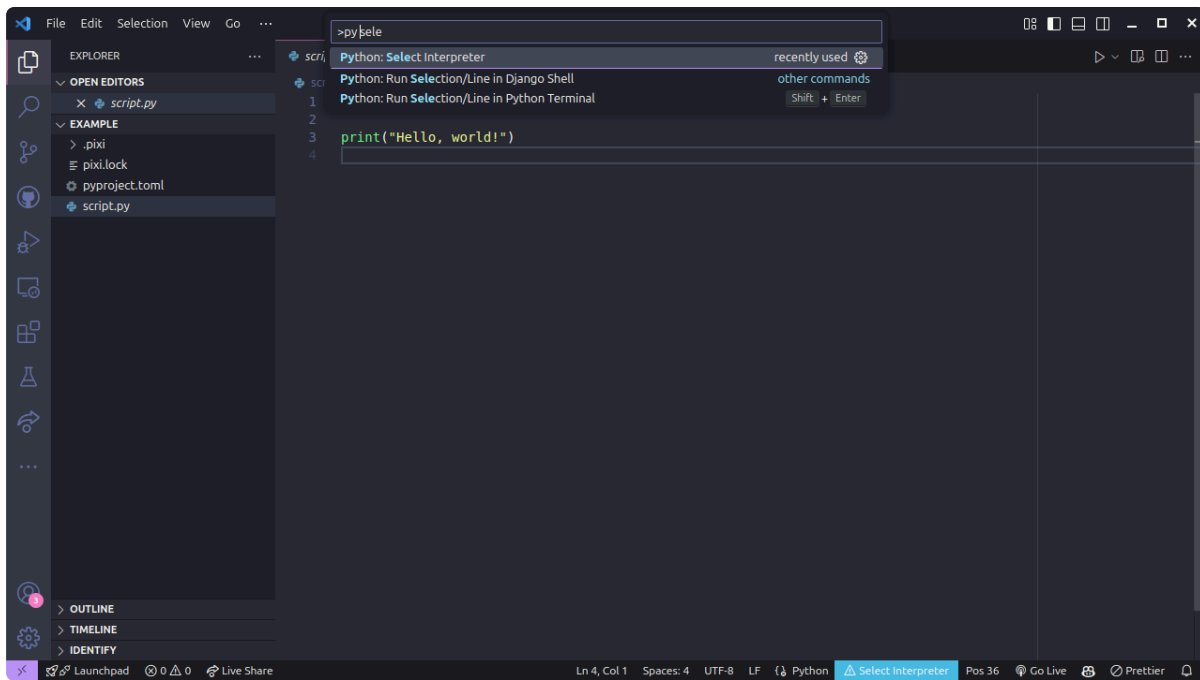


## 4. .pixi folder with Python exists now



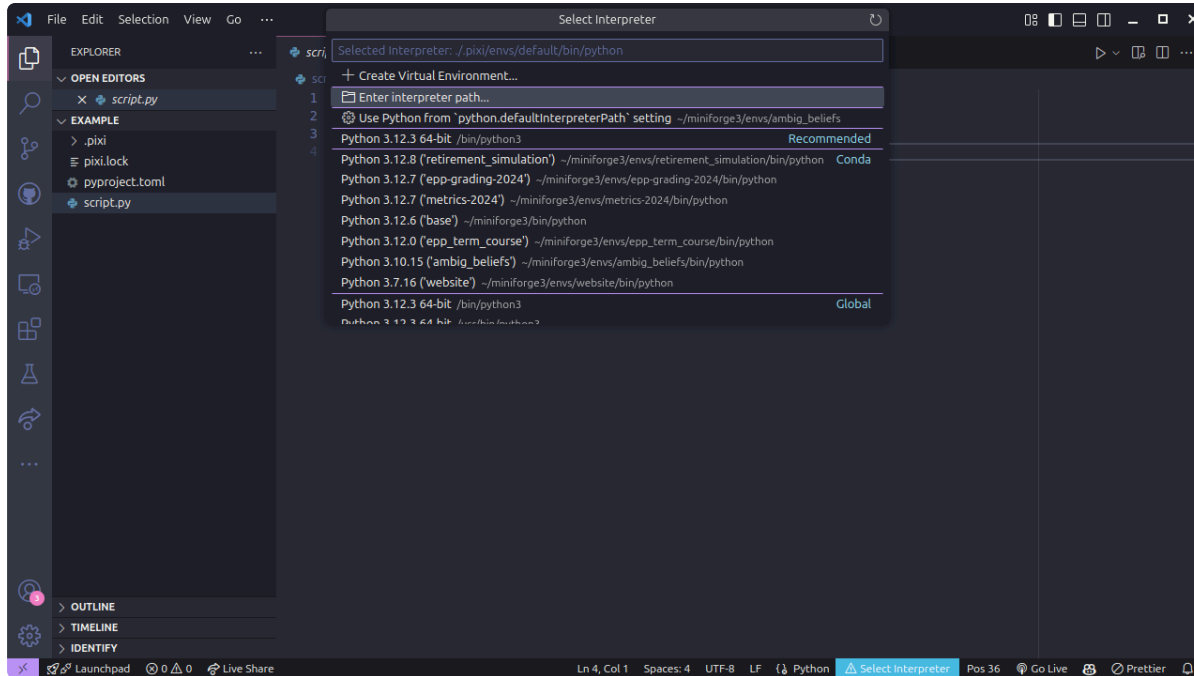
# 5. Hard way I: Select Interpreter

Again via command palette (ctrl + shift + p)

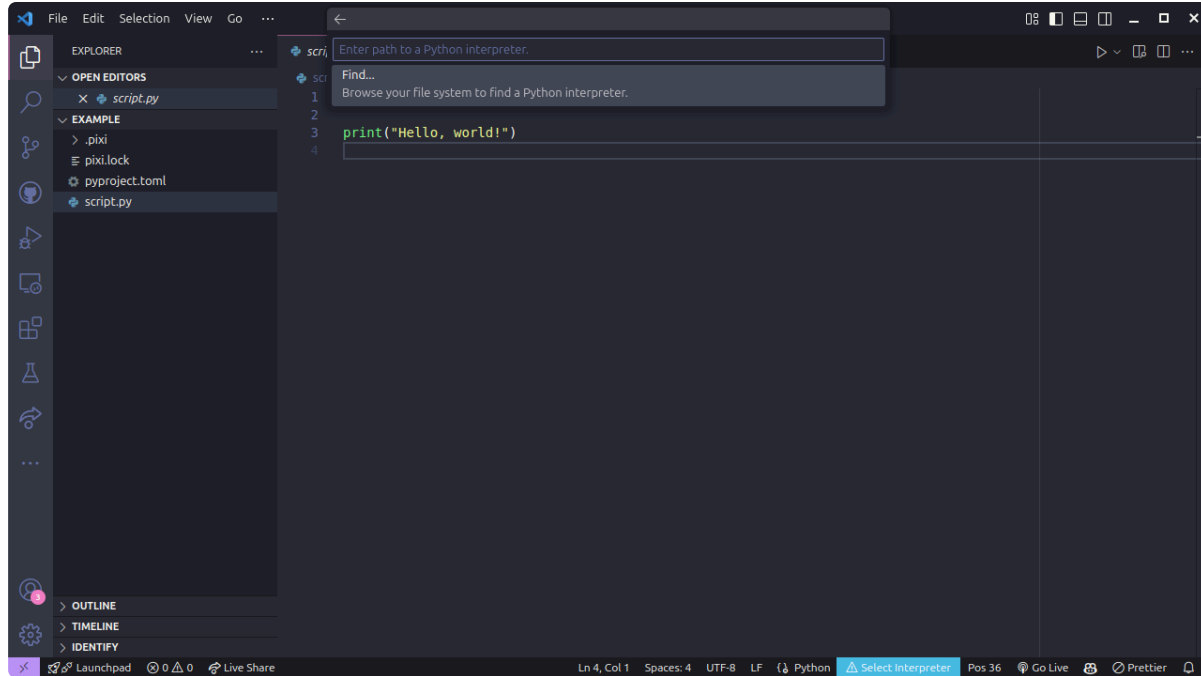




## 6. Hard way II: Pick "Enter ... path"

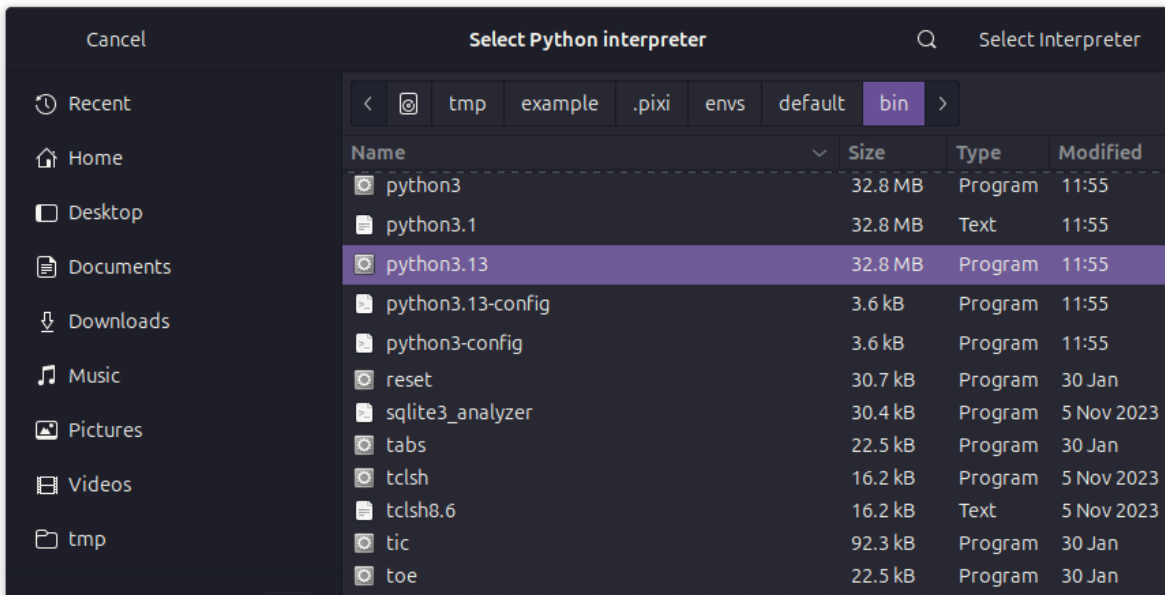


## 6. Hard way III: Pick "Find..."

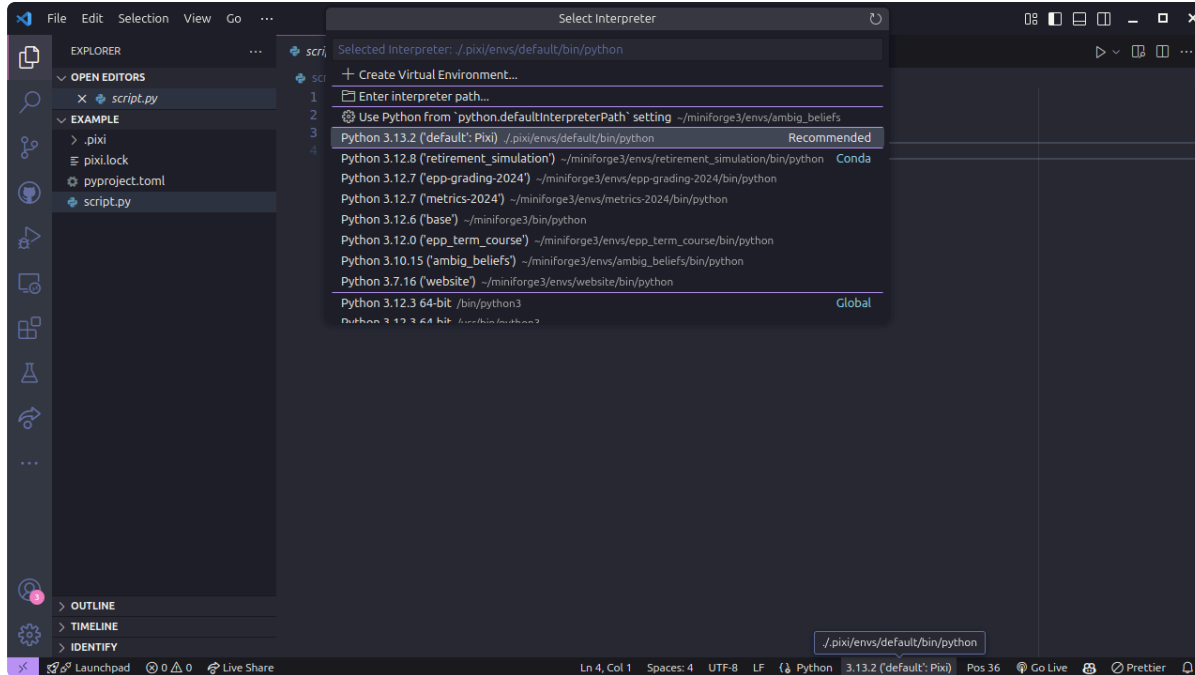


# 7. Hard way IV: Pick the right one

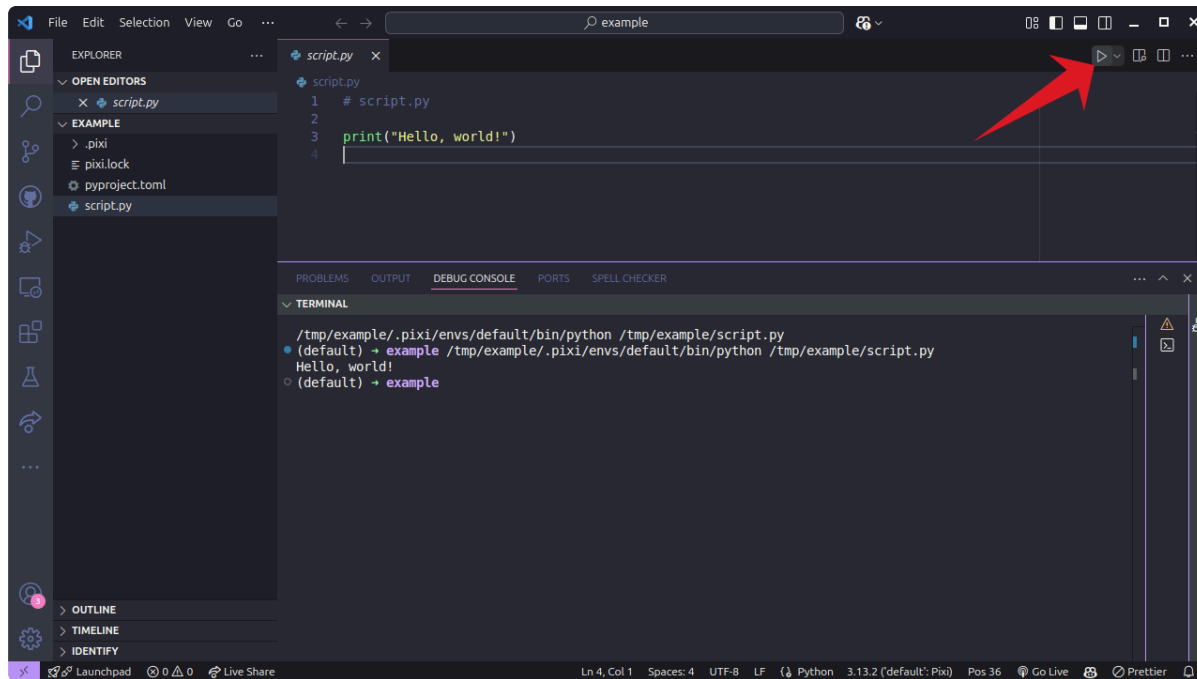
Located in `.pixi/envs/default/bin/python[version]`



# 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