Problem Set 1

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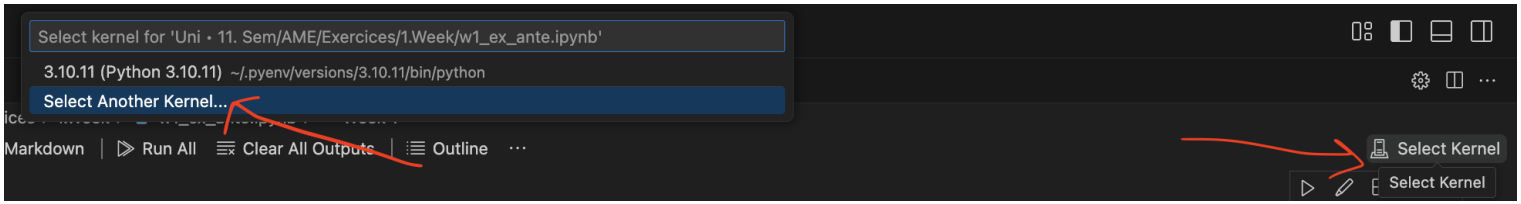
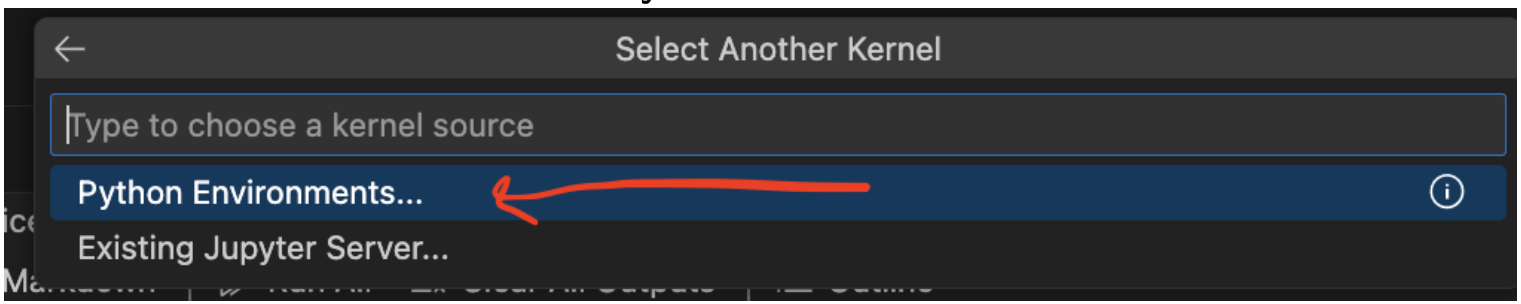
Main Site: Home Page

Kernel

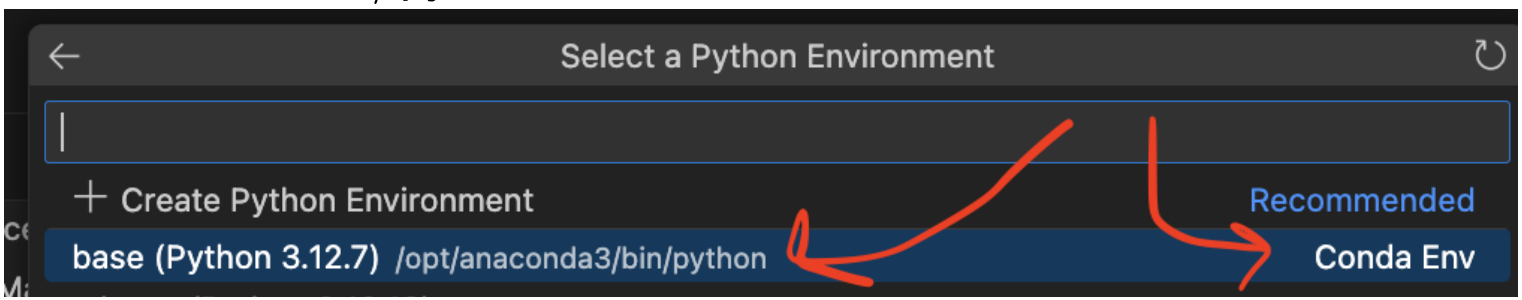
Before the code can run, we must choose a Kernel. We find the "*Select Kernel*" at the top right. Choose "Select Another Kernel"



Chose "Python Enviroments"

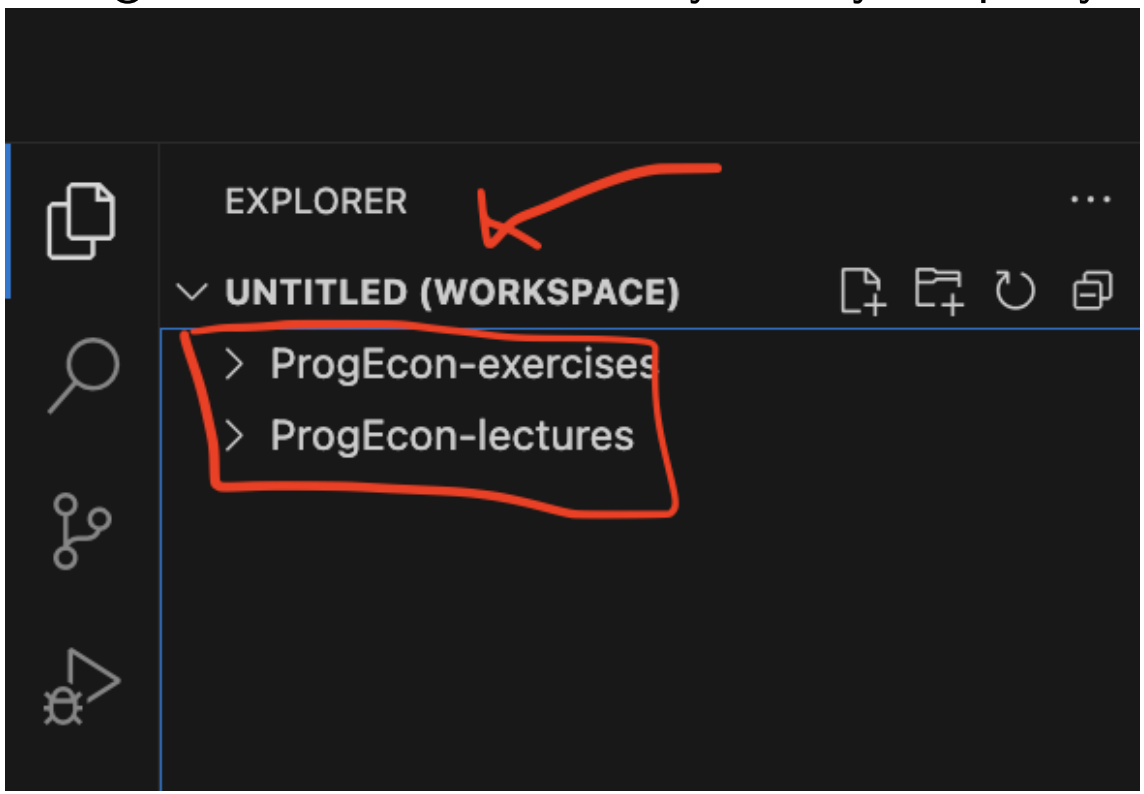


The paths can differ, but make sure to choose the path which consist of "Anaconda3/python" in some form and the latest version!



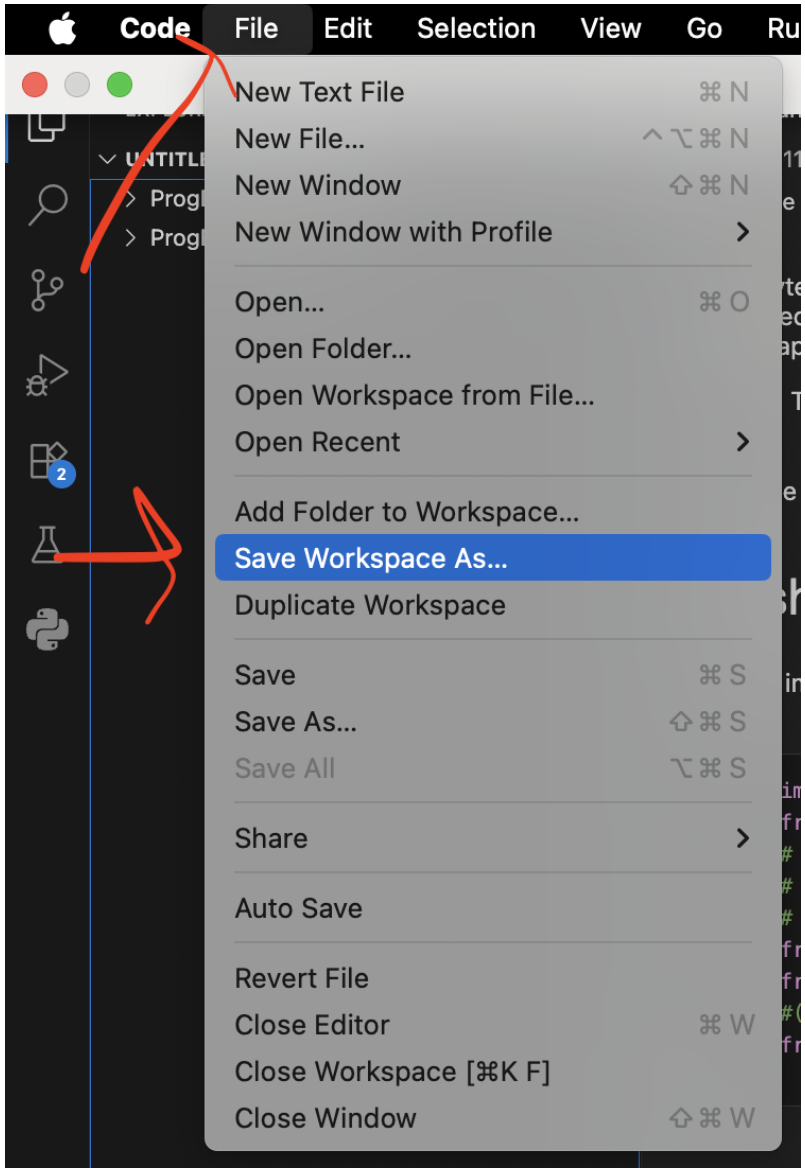
Workspace [1/3]

You can save the collection of folders, you have open inside VSCode as workspace, instead of having to add each folder every time you open your VSCode.



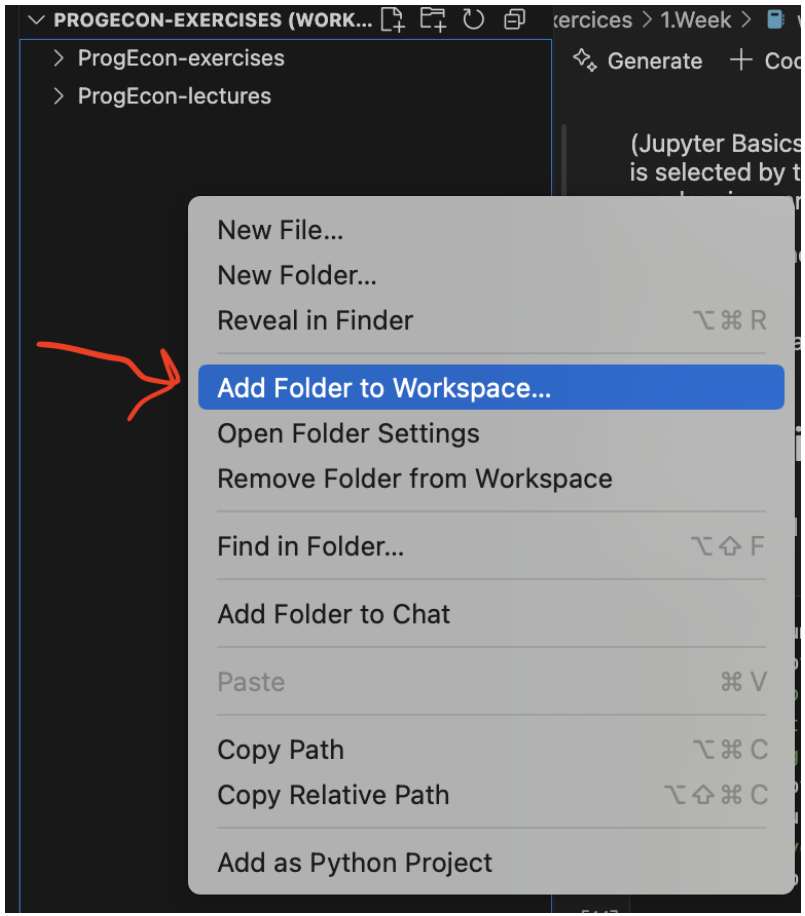
Workspace [2/3]

- Go to "**File**" and choose "**Save Workspace As...**".
- Save the file somewhere on your computer so you can reopen the same setup later.
- Save your file as "XXXX.code-workspace". It can **not** be stored inside the folders, you want to open inside your workspace
- Open your workspace!



Workspace [3/3]

- To add more folders to your workspace **right click** on the blank space under your folders
- Press "**Add Folder to Workspace...**"
- Find your folder locally and add it to your workspace



f-strings

- f-strings:
  - These help us plot numbers and text at the same time
  - Example:

```
pi = 3.1415926535
print(f"Pi rounded to 2 decimals: {pi:.2f}")
```

```
[69]  ✓ 0.0s
```

```
Pi rounded to 2 decimals: 3.14
```

  - Tip! Works inside labels too
  - Use "fr" strings if you want LaTeX formats, e.g β

Problem set 1 - General tips

- Everything can be found in the lecture on printing and plotting. Look through there.
- There is a plethora of ways to print and plot. Use these as guidelines.
- Once you've gone through the whole set. Try changing the plots up, and see what you can create!
- If extra time, look at the *seaborn* package for plotting. It has some other cool features!