# After the clone and exercise folder setup

Only do this once per new exercise …

Immediately after cloning in VS Code, you may be presented with the following dialog:

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Click Open. This will open the folder with the .git subfolder. This is not the exercise folder.

Open the exercise folder (Ctrl K O)



## Select the interpreter

Press F1 or Ctrl+Shift+P and choose Select Interpreter  
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Graphical user interface, application

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If VS Code was open while you were creating the environment, it may not be listed. Close VS Code and try again.   
  
If it is still not there, try browsing directly to the python.exe for the GIS4107 environment, i.e.  
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In the lower left or right corner you should see:  


If you click on “Python 3.9.5 …” (or whatever version your gis4107 is using), the same Select Interpreter dropdown list you saw before will appear in the command palette. This gives you another way to select/change the Python interpreter.

## Configure how the interpreter will execute

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If it does not exist, it will create a .vscode folder and a launch.json file in the .vscode folder

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This defines what will happen when you “Start Debugging” or “Run Without Debugging”

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In the above example, when you F5 or Ctrl+F5 with a Python script as the active/currently selected file (type=python”), the configuration named “Python: Current File” will be launched and run that file (i.e. ${file}). The output console will be the integrated terminal.

## Configure Version control

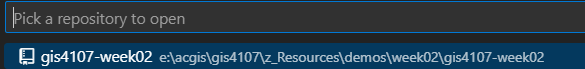
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Click Open Repository and then choose the parent folder of the current folder:



You will be presented with the following **which you should ignore**:

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If you click Initialize Repository, it will create a new repository in your exercise folder (DavidV\_JoseD). **You don’t want that!**

If you click Publish to GitHub, you will be creating a new repository in GitHub. **You do not want either**.

I you select Version Control …

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… and expand Repositories, you will see the active repository and remote:

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Any changes you make to files in your exercise folder (DavidV\_JoseD in this example) will be recognized and can be staged and committed to the repository (i.e. .git folder in parent folder of DavidV\_JoseD)

That completes the steps you will take with each new exercise. Next time you start VS Code, simply open the exercise folder and the interpreter and version control will use the same configuration as before.