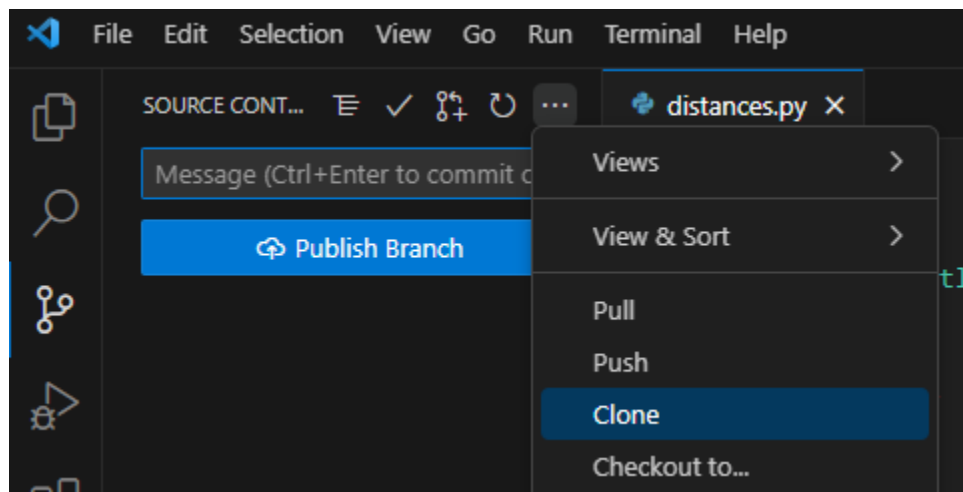


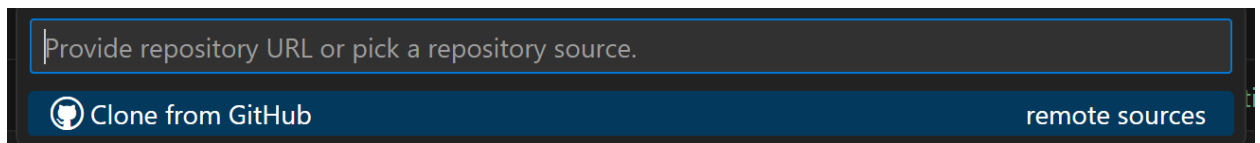
# Clone GitHub repository in a local folder using VSCode

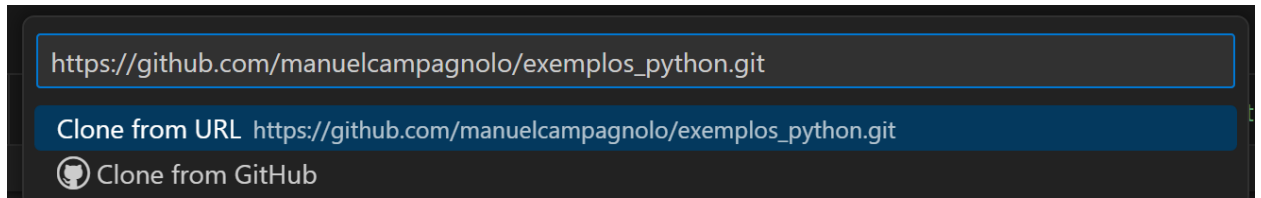
After you clone the repository in a local folder, you can edit the files and synchronize your local folder with the GitHub repository

1. Log in your GitHub account
2. In VSCode, open the Source Control menu and to the dropdown menu (...) and press “Clone”

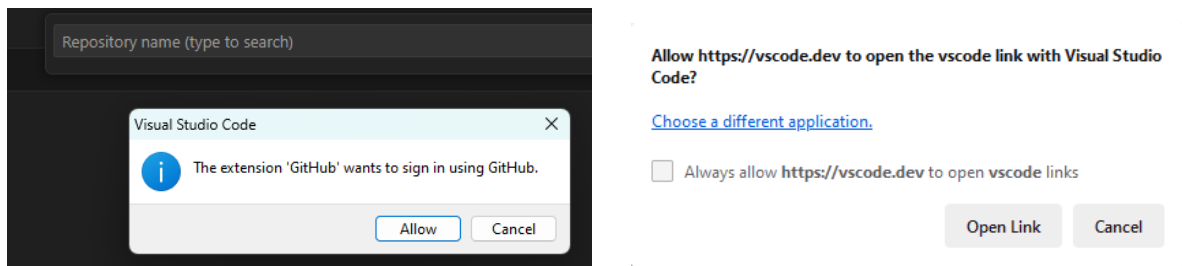


3. If you're not signed in into GitHub, VSCode might ask you to do it. Select “Clone from GitHub” to select repository from list or provide the URL of the repository you want to clone. From here, you might be send to 4 if you need to sign-in , to 5 if you need to select the repository, or directly to 6.

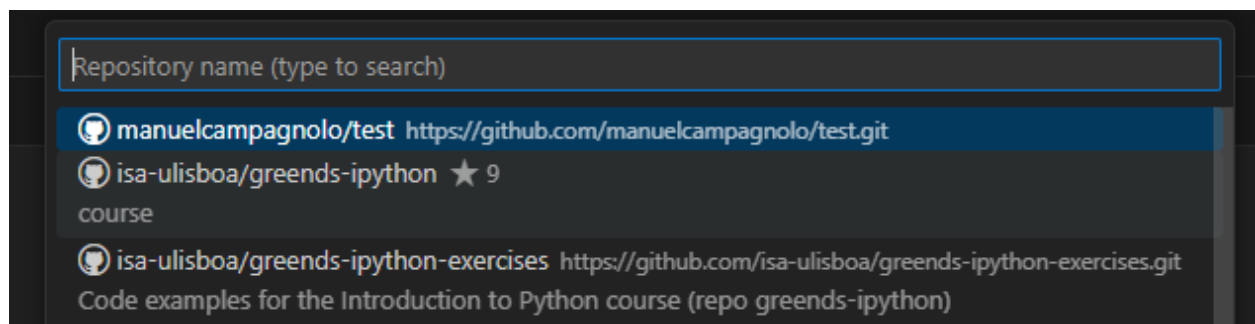




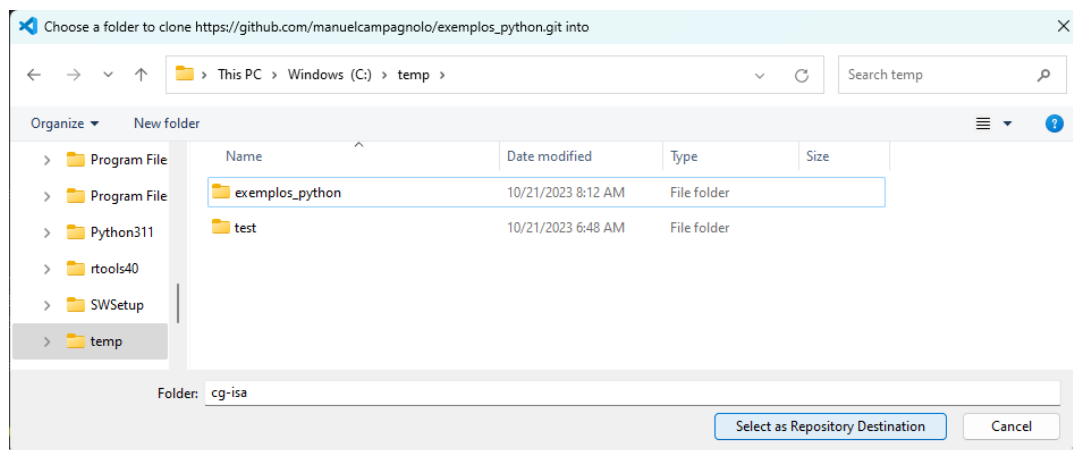
4. Authorize connection to GihHub



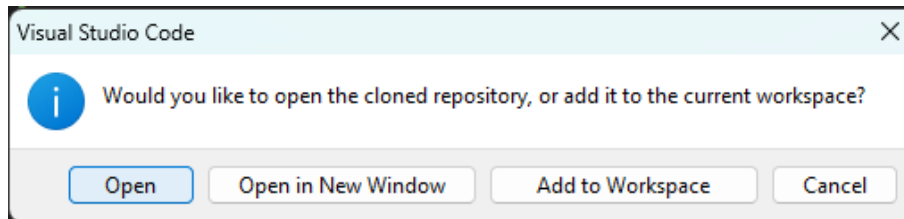
5. Choose the repository you want to clone among your repositories on GitHub:



6. Choose (or create) local folder to clone the GitHub repository

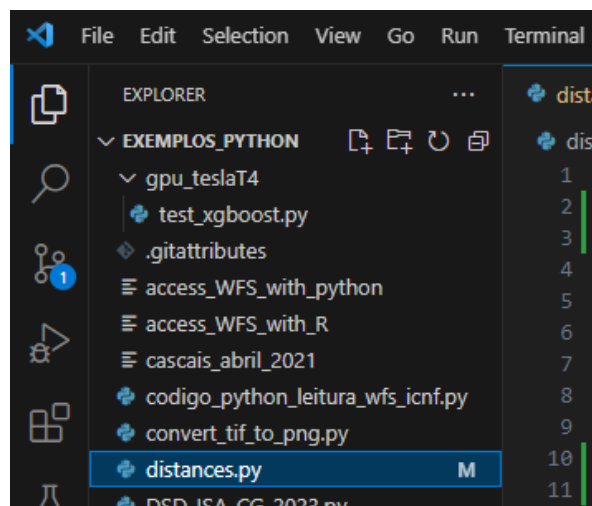


7. Open the cloned repository in VSCode:

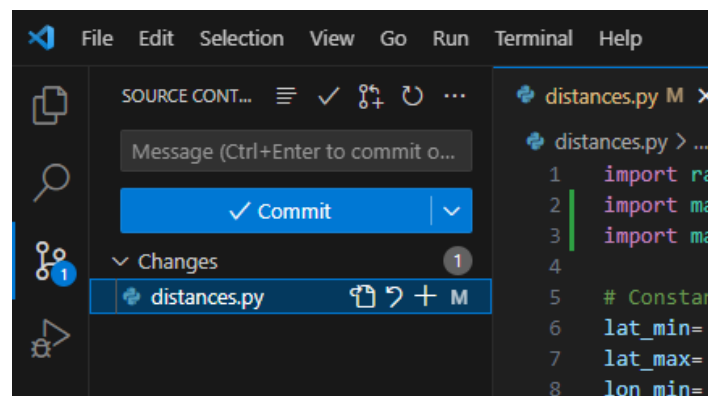


Great! Now you have cloned the GitHub repository, which means that you got a perfect copy of it in your local machine, in the folder you selected. The next step is to contribute to the repository by creating new files, or making changes on the files that you have, etc.

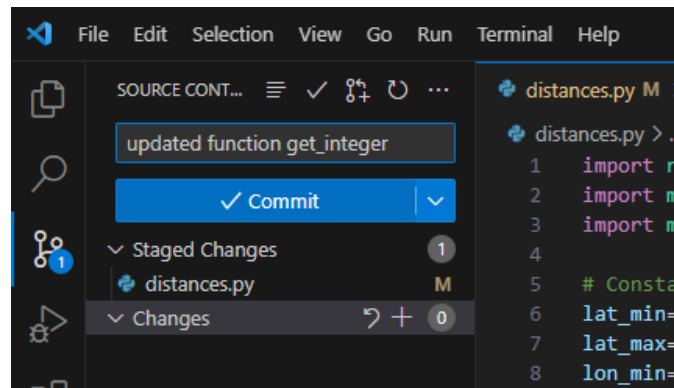
8. You can see the cloned files in VSCode in the folder you opened. If you edit a file (e.g. "distances.py") and make changes to it, you get a label indicating that it has been modified (M)



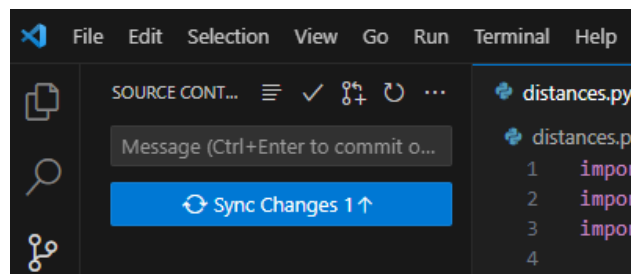
9. In the Source Control Menu, you can select some actions (see suggestions below):



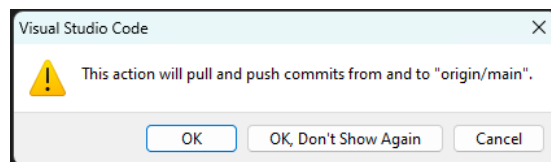
10. Press (+) to stage changes, and write a Commit message in the box (e.g. “updated function get\_integer”) – You need to write a message, otherwise you cannot commit your edited file to GitHub.



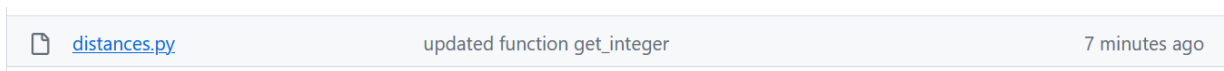
11. Then press “Commit” and “Sync Changes”





12. Press OK if you want to synchronize your local folder with the GitHub repository






13. If you’re successful, the new version of your file should appear in your GitHub repository, with the commit message:




14. If you look at that file on GitHub, you find the new version and the commit message:

manuelcampagnolo / exemplos\_python

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  main [exemplos\\_python / distances.py](#) 

manuelcampagnolo updated function get\_integer