**Introduction to Python 2023/2024, ISA, ULisboa**

Some suggestions about connecting VSCode and GitHub

**Option A. Publish your files in GitHub. You will create a new repository on GitHub: the name of the repository will match the name of your folder in VSCode.**

1. Create “project folder” in VSCode (here it’s called “test”) and add some file(s) to it:

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1. In the menu “Source Control”, press “Publish on GitHub”:

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1. Authorize:

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1. Choose Private or Public:

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1. Choose files to publish and click OK

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1. You should get the following message on VSCode

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1. If you check your GitHub account, you should have a new repository and the files should have been copied to there:

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1. At that point, you can see the connection in VSCode (down, near settings), where you can sign out if you want to disconnect

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**Clone repository from GitHub into your local machine**

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

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Choose (or create) local folder to clohe the GitHub repository

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Open the cloned repository in VSCode:

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Now, you can see the cloned files in VSCode. If you edit a file (e.g. “distances.py”), you get a label indicating that it was modified (M)

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In the Source Control Menu, you can do some actions:

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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

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And then press “Commit” and “Sync Changes”

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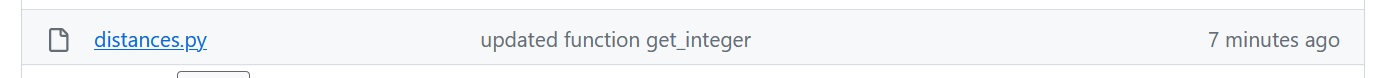
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Press OK if you want to synchronize.

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



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

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Pull file from GitHub to VSCode:

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Copy repository URL

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