▌Visual Studio Code + GitHub (The basics) CheatSheet

1. Install Git
We have support for Git in VSCode but we need to install it to be able to use it.

Go to https://git-scm.com/ download and install it.

2. Get a GitHub account
To be able to use Visual Studio Code with GitHub you need to create a free account.

Go to https://github.com and sign up.

3. Create a repository on GitHub
You need a repository If you want to be able to send and get your code from GitHub.

So If you don't have one yet. Create one.

Click on the + sign in the upper right corner and select New Repository.

Give It a nice name and choose If it should be Public or Private. Now you will get nice information about your repository. Let It be for a while, we need it soon.

4. Configure Git
Open a new PowerShell console as Administrator.
Write:

git config --global user.name "Your Name"
git config --global user.email yourmailaddress@domain.com

5. Create local Git folder
We need a folder where our repository will be created when we clone the repository.

Write:
New-Item –Path "PathToFolder" –Name "GitHub" –ItemType Directory

6. Configure Visual Studio Code
For a nice and easy GitHub experience we need to do some small things in Visual Studio Code.

Open Visual Studio Code.
Install the extension GitLens.

Go to File -> Open Folder and Select your GitHub folder
Open a new Terminal.

7. Clone your repository
Easiest way to set up your GitHub repository against Visual Studio Code is to clone the new repository.

Go back to the page that you got when you created your new repository.

Look for the Git URL.
Like https://github.com/YourName/yourrepository.git
Copy the URL.

Go to Visual Studio Code and the terminal windows.

Write:
git clone
https://github.com/YourName/yourrepository.git
(past your URL after git clone)
Then provide your user name and password in the GitHub login form If It shows.
You will get a warning message about cloning an empty repository.

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8. Adding code to your repository
Now your repository is empty.

To add some scripts to it is just to copy the scripts you want there to the new cloned folder with your repository name.

Now you will se a blue number next to the source control icon on the left side in Visual Studio Code.

Click on It.

Under Changes you will see your file/files.
To add them all you just draw your mouse over Changes and to the right you will have a plus sign. "Stage All Changes". Click on It.

Now we can "commit" our changes.

In the message box above Staged changes.
Write a commit message like why you will do changes. And then press Ctrl and Enter.

The files are now in our local repository.

9. Push the changes to GitHub
To get the files to the repository on GitHub we need to Push them there.

Go to GitLens. It's in the left toolbar under Source Control somewhere. How long under depends on how much extension you got there.

Under Repositories you find GitHub (Yourrepository).

Right click on It.
And choose Push.

10. Check your online repository
Go to GitLens.

And choose "Open Repository on Remote".
Then "Open". Press F5 If you does not see anything.

Now you should have all your scripts from your local folder online as well.

11. Pull changes from GitHub
If you have done changes online on GitHub or from another computer or If somebody else have done changes and you want them locally you need to Pull them from GitHub.

Go to the GitLens tab on the left.

Right Click on your repository again.

Choose Pull and then Pull again.

Now the changes will be on your local repository.