Session 4 – 12.09.24

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GitHub

GitHub is a cloud platform that allows you to store, share and manage your source code collaboratively.
Think of it as a social network for developers, where you can "fork" (clone) projects, collaborate with other programmers, and keep all your code secure.

First of all we have to create an account on GitHub and save a new repository. Assign a name to it and choose public or private.

Now we have to connect our PC to that account on the internet.

In Git Bash on our PC we write (git init has to be done already before)
git remote add origin https://github.com/*account/repository*
this adds a remote repository named origin to your local repository Git

Then we have to rename our master into main >>> git branch –M main

Last but not least we tell GitHub what we mean when we send a push
git push -u origin main
This uploads our local repository main to the remote repository origin on GitHub. Push uploads and –u creates a relation between main local and main remote. That means in the future it is not necessary to write the entire command. Just git push (upload) or git pull (download) are enough