Step 1: make the repository in github and clone it to the local device

1) Clone: clone your github repository in to you folder

2) Git status: get the status of the files condition in your project like modified or tracked or deleted ones.

3) Git add. : is for adding adding and updating all the written files to the git

4) Git commit -m "Title" -m "Description": commit the project changes to the local device

5) Git push: send the file to the GitHub live repository

Step 2: initial git in local device and for pushing it you will use git remote

Git init: Initial a git repository locally in your computer then you create and edit files then you can use the git status and git add and git commit

Git remote add origin http.repositoryLinkFromGithub.git: connect to the github repository

Git remote -v: shows the repository that you are connected to

To make github Understand you are the owner of the project, you need to use SSH keys

* Generate key: ssh-keygen -t rsa –b 4096 -C "[benjaminjerban@gmail.com](mailto:benjaminjerban@gmail.com)"
* List of public and private keys: ls | grep keyFolder
* Get the hash SSH key: cat keyFolder.pub

Branch:

Git branch: check what branch you are on

Git branch -d testBranch: delete the testBranch

Git checkout: switch between branches

Git checkout -b: create a new branch

When you switch to the branch you want you can use git add, git status, git commit to edit and commit the file on only this current branch

Git diff testBranch: shows the differen between the files In current branch and testBranch

Git push -u origin testBranch: push only on the testBranch on github

-u: its for upstreaming that you don't write the "orgin Branchname" everytime you want to push

Git merge: you will merge all the changes that you compared on github pull request

Git pull origin main: to bring the merged date on your github to your local device