

GIT CHEAT SHEET

SETUP & ACCOUNTS


1. Create an account on github: <https://github.com/>
2. Download and install git <https://git-scm.com/downloads>

CREATE A PROJECT

1. Create New Project


- a. Click on this link: <https://github.com/new>


Owner * **Repository name ***

 Iulia-Ionita ▾ / ✓

Great repository names are new-project is available. Need inspiration? How about [improved-octo-dollop?](#)





Description (optional)

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

- b. Clone the repository on your PC
 - i. Go to your workspace folder on your computer
 - ii. Open a terminal (or open the VS Code terminal)
 - iii. Run this command:
git clone <https://github.com/Iulia-Ionita/new-project.git>

Quick setup — if you've done this kind of thing before

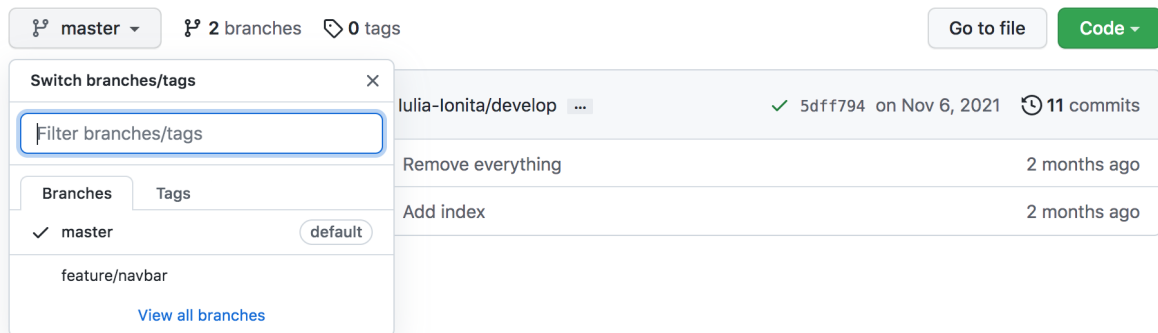
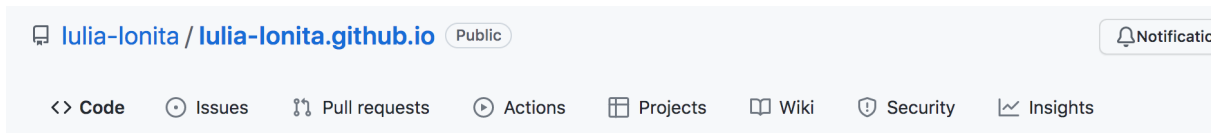
 Set up in Desktop or  HTTPS  SSH 

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

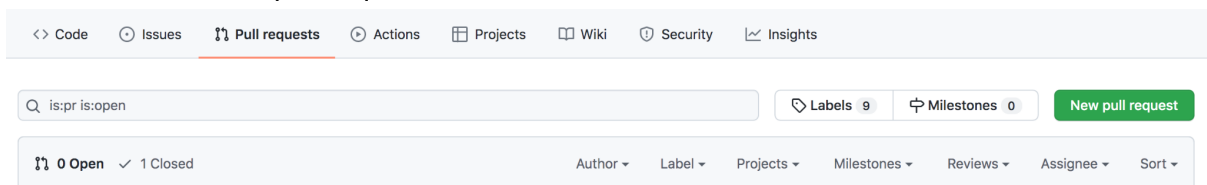
- c. Enter the project folder
cd new-project
 - d. The new project will have one branch (main/master)
2. Create branches for each functionality, for example:
 - a. **git checkout -b** "feature/navbar"

Iulia-Ionita.github.io git:(feature/navbar)

- b. **git checkout -b** "fix/change-navbar-color"
3. Add the code, commit the code and push it online
 - a. **git add .**
 - b. **git commit -m** "Create new navbar"
 - c. **git push origin** feature/navbar
4. Commit branches into the master branch to have all the code in the same place
 - a. Go to your github project to the branches sections



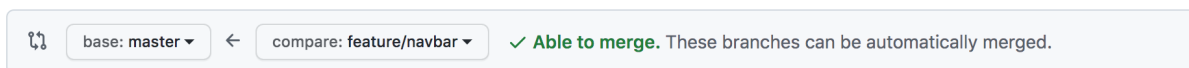
- b. Go to pull requests



- c. Click "NEW PULL REQUEST"

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).



BASE must be the main branch for your application

COMPARE must be the branch you are trying to merge into it

5. Pull the code from the main/master branch
 - a. **git pull origin** master
 - or
 - b. **git pull origin** main

!!!!IMPORTANT!!! GIT offers a FREE hosting for one website only, the only condition is to give it your username. For example:

My git username is: **iulia-ionita**

I have created a new project with the name: **iulia-ionita.github.io**

I can see the code at: <https://github.com/iulia-ionita/iulia-ionita.github.io>

I can see the website online at: <https://iulia-ionita.github.io/>

Extra tutorial: https://www.youtube.com/watch?v=3fUbBnN_H2c