Using Github 2024

Setup:

install gitHub if you don't have!

- create git-web repository at github.com
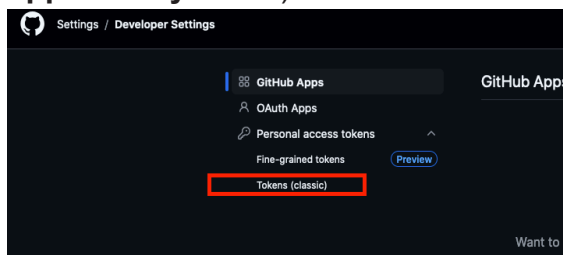

- open terminal in your project folder

$ git init -b main   or   **$ git init**

you need add your remote url, but from 2021 you can't use direct link project address from git.

As first create token at github.com: github->settings->Developer settings->Token classic, select time for token and all options (make sure, that you copied - your token - **it appear only once**)

$ git branch -M main -*switch to main branch*   **$git branch** - *showing actual branch*
$ git config --global user.name "athomicus"
$ git config --global user.email "athomicus@gmail.com"

$ git remote add origin <REMOTE_URL>

<REMOTE_URL> =https://tokenhere@github.com/user_name/repo_name.git
example: $git remote add origin https://ghp_QWERsdfrhykol789756MHJMUY@github.com/athomicus/first_person_controler.git

Verifies the new remote URL   **$ git remote -v**

$ git add.
$ git comit -m "first comit"
$ push origin main   or   **$push origin main -f**

how to pull from repo:

$ git pull origin main

Daily work with GitHub

Daily work with GitHub environment should start from pull

$ git pull origin main

If we want collaborate with others create new branch first
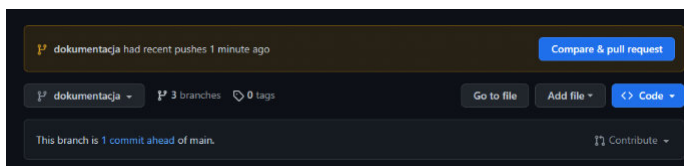
#Create new branch

$ git checkout -b <new_branch>

#Adding our work to branch will be with **add, commit, push** and **pull**

$git add .

$git commit -m "info"

$git push origin <name_of_your_branch>

#After push on GitHub website Pull Request will be created

#Check actual branch

$ git branch

#or

$git status

#Change branch

$ git checkout <existing_branch>

```
#When nothing work

$git pull --rebase

$git push -f origin main


#You  can also add single file

$git add <name_of_file>
```