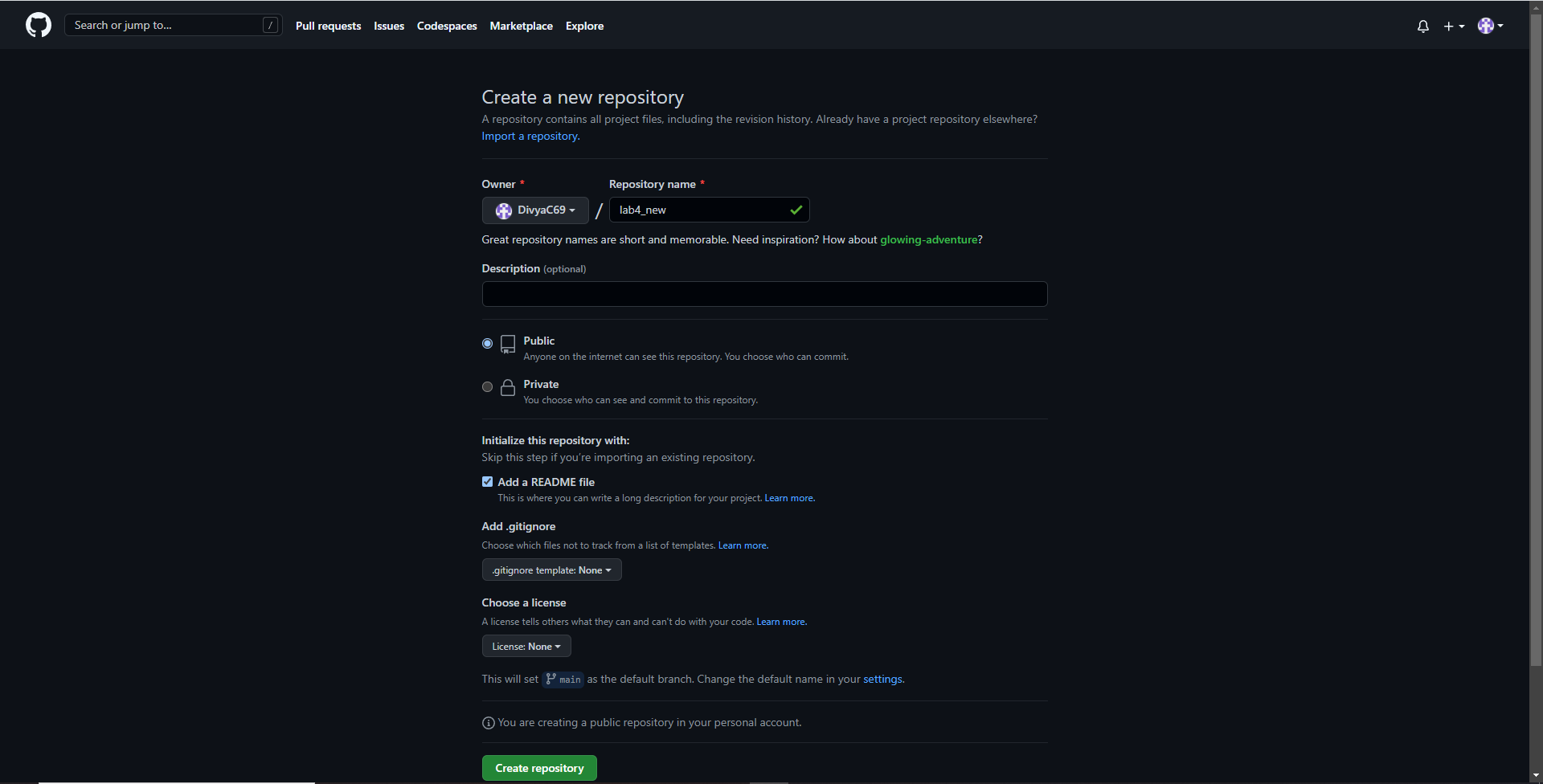
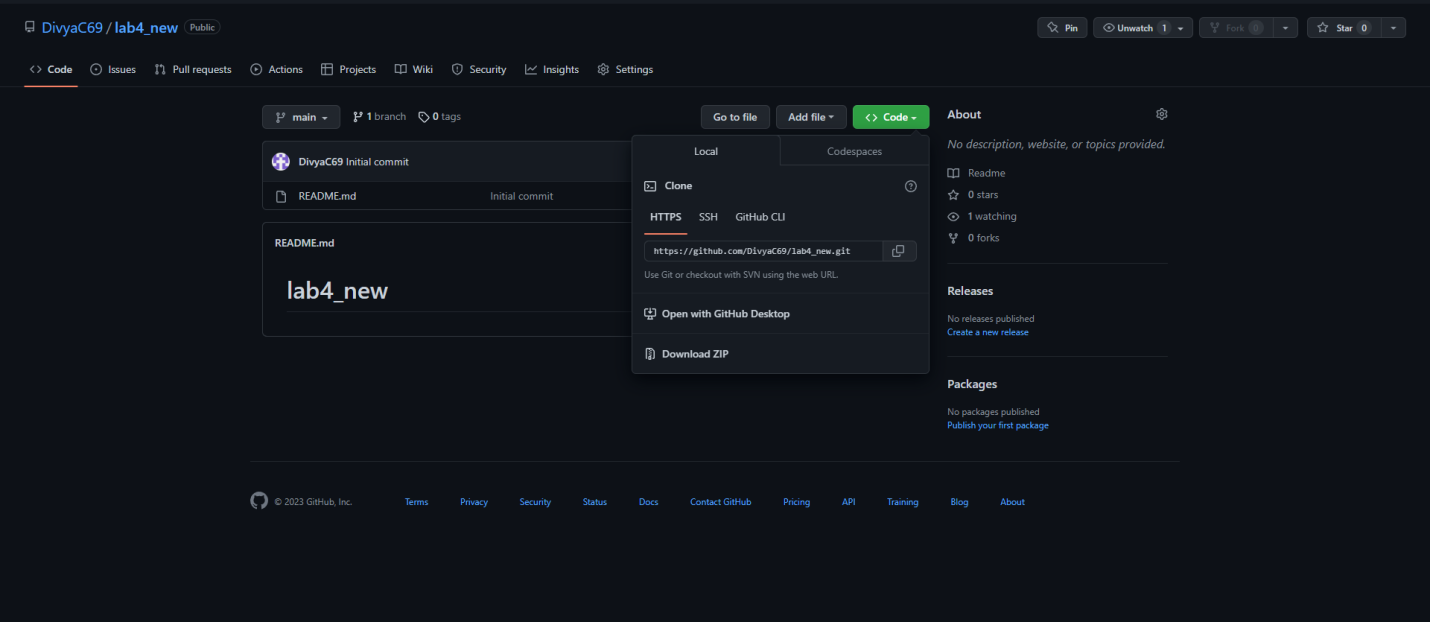
# mkdir lab4



* Create repo



* Copy the link

# cd lab4/

# git clone https://github.com/DivyaC69/lab4\_new.git

# ls

# cd lab4\_new/

# nano index.html

# cat index.html----------hello this is my application

# echo "demofile" > file 1

#ls

# git add -A

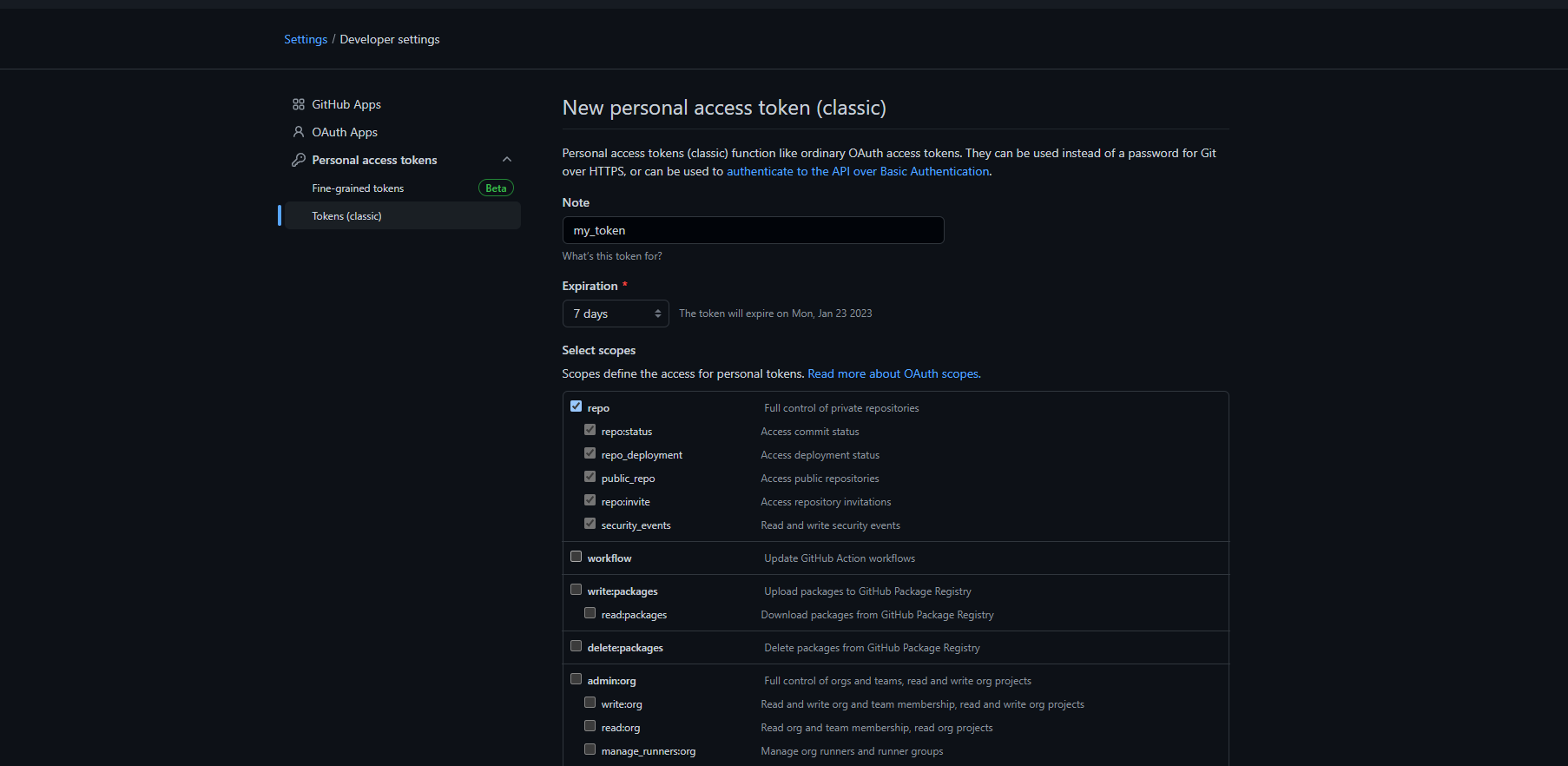
# git commit -m "first comit"

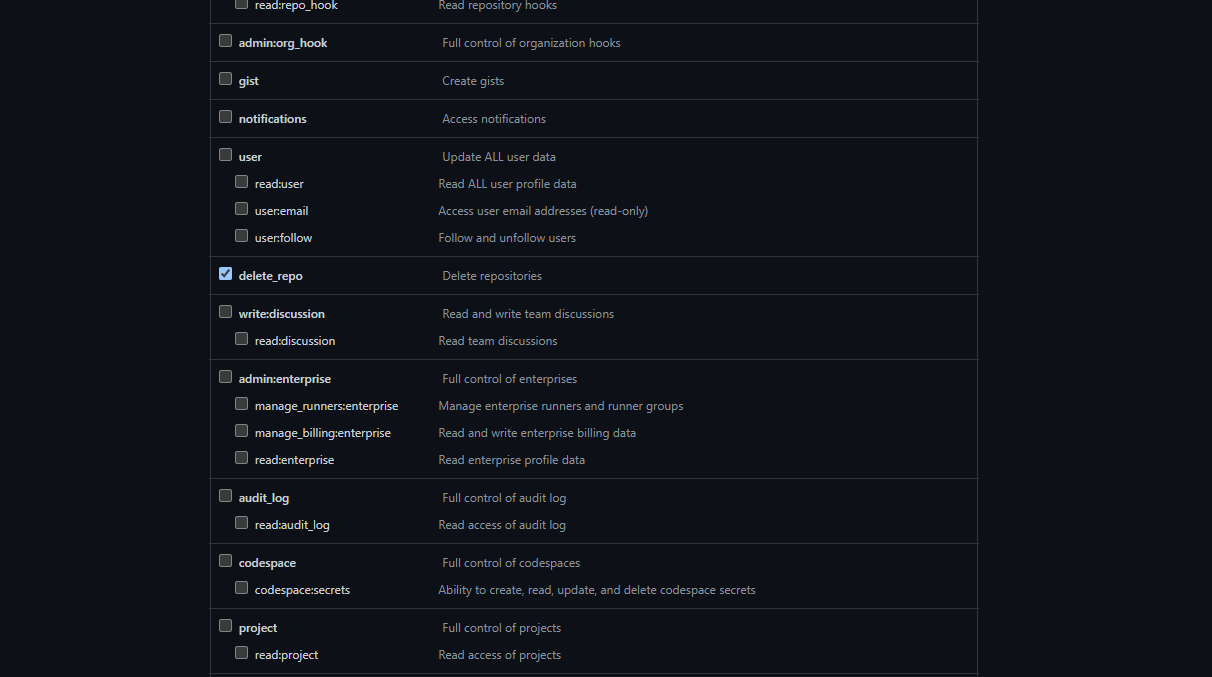
# git push

Password (token)

* How to get a token-

Github🡪 settings🡪Developer settings 🡪 personal access tokens🡪 token(classic) 🡪 generste new token🡪new token(classic)





* Generate token.
* Copy the token--- ghp\_0leZH7ghT7Y0OlIUtts5R8vW29GgEa1snzCQ

# git push

Username- og github

Passwd- of tokeen

**2nd Method- Git init method**

#mkdir demohpc

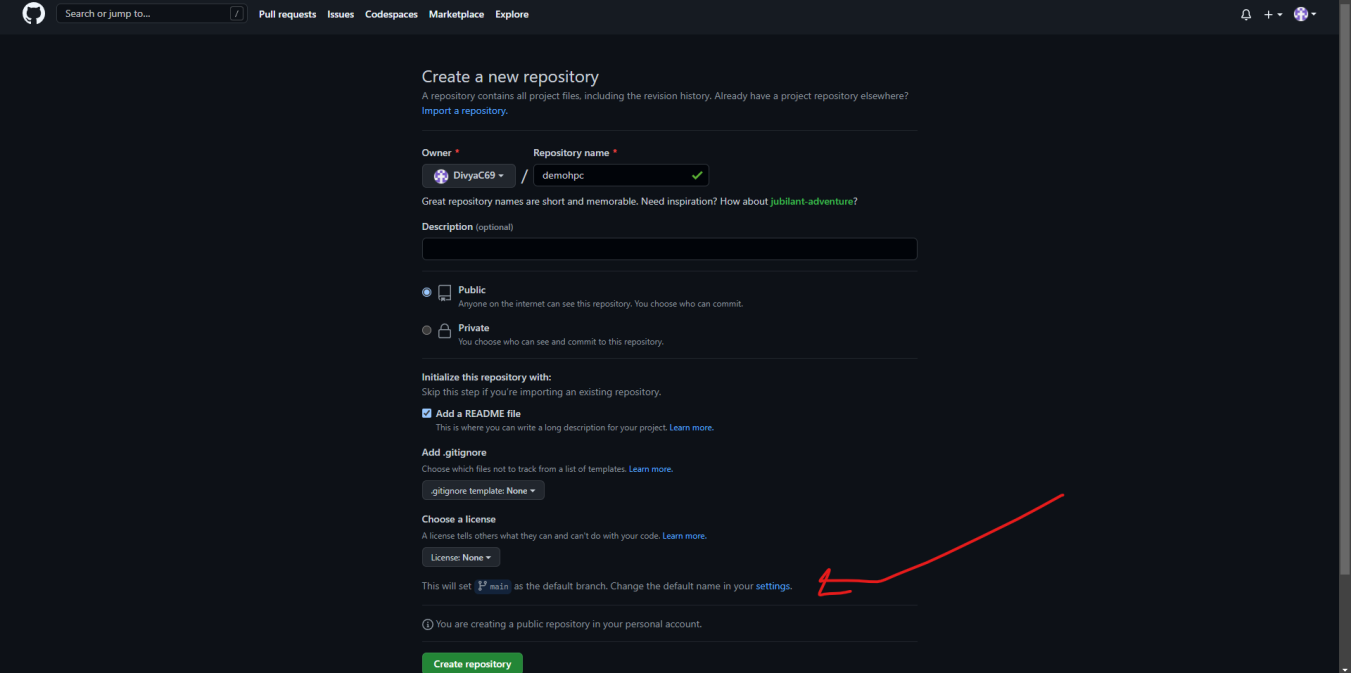
# cd demohpc/

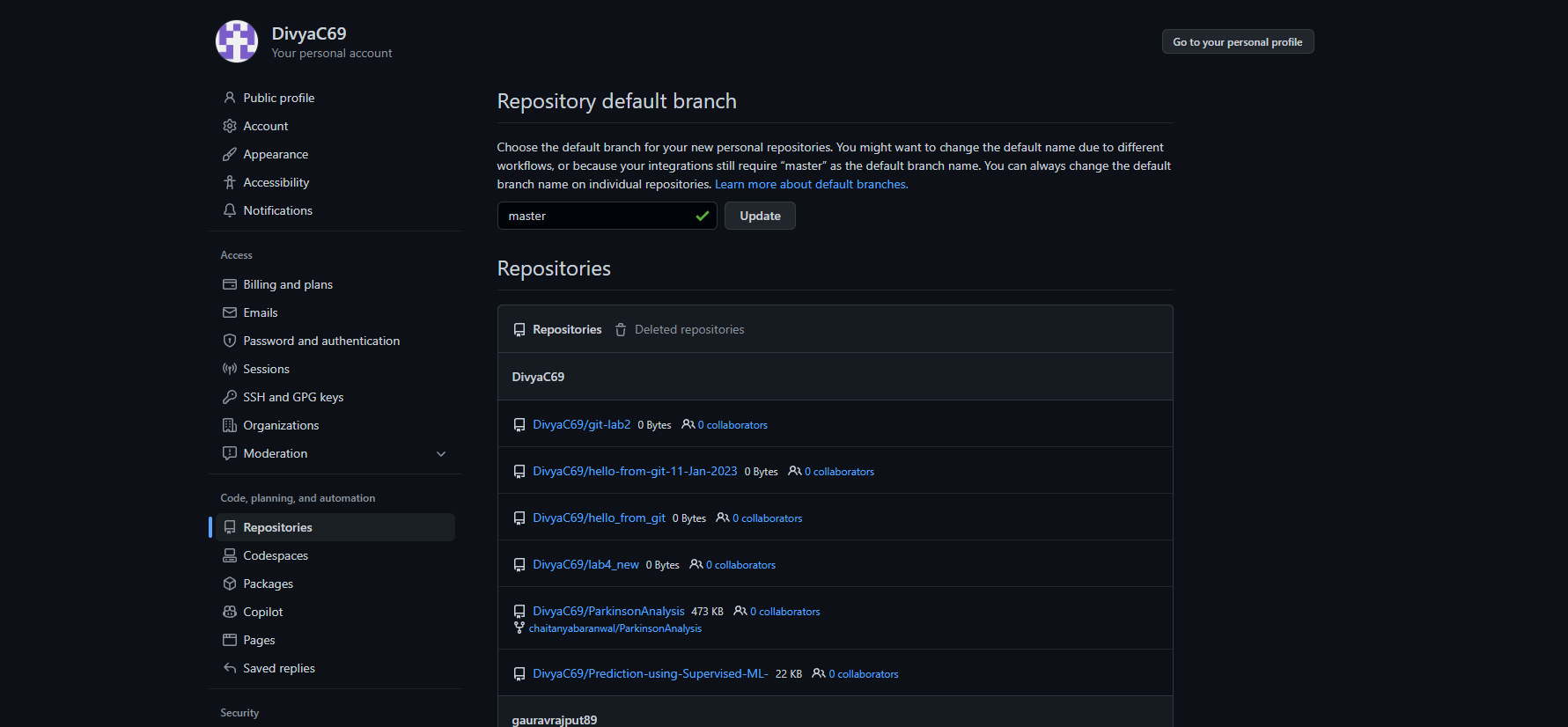
#git init

#git branch

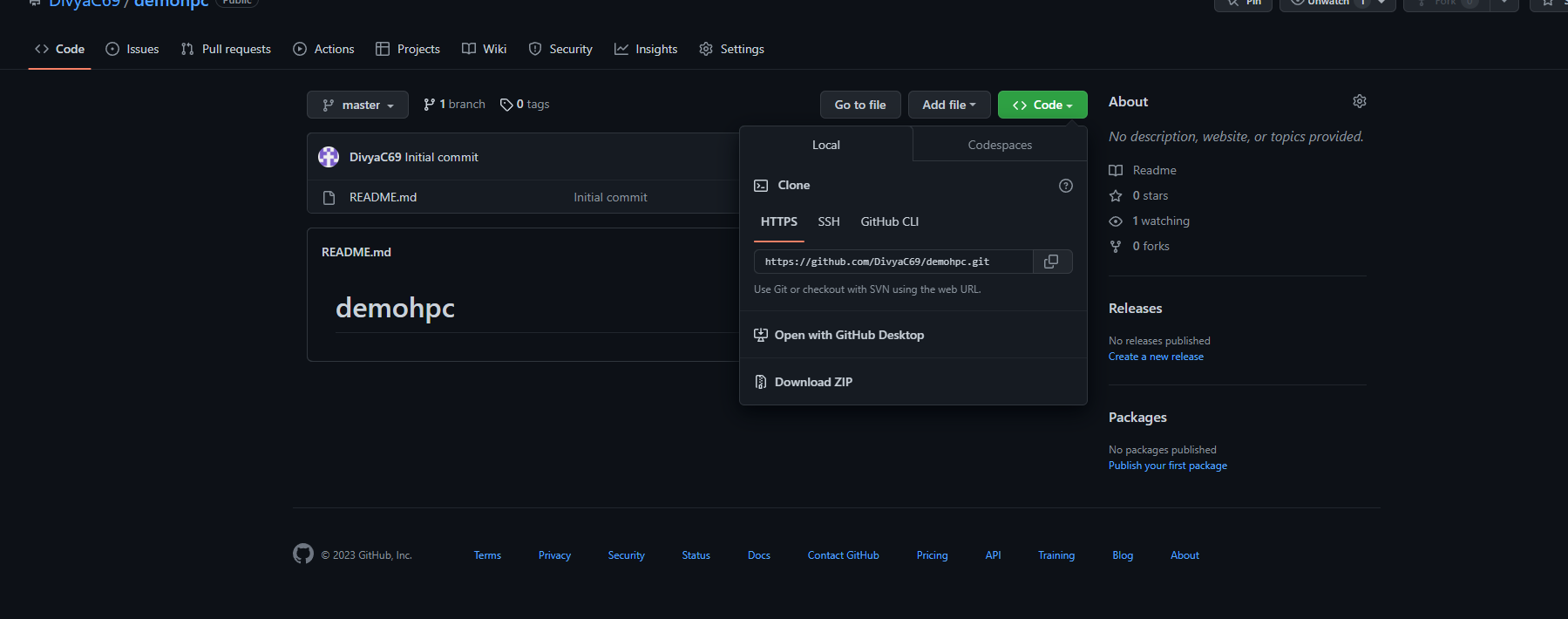
#git status

* Creat a repo in github





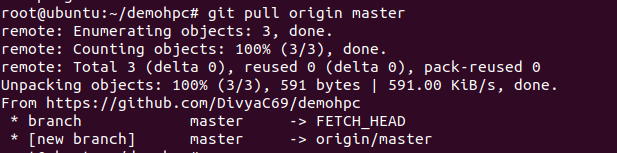
* Change branch name from main to master and update.
* Go back to repos🡪 new-🡪 now the branch name will be changed from main to master asa you have changed the default branch -🡪 create repo.



* Copy the link.

# git remote add origin <https://github.com/DivyaC69/demohpc.git>

# git pull origin master



#ls (no files are currently added)

* Creating or adding application in repo dir.

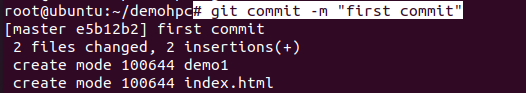
# echo "file created" > demo1

# echo "file created 2" > index.html

#ls

# git add -A

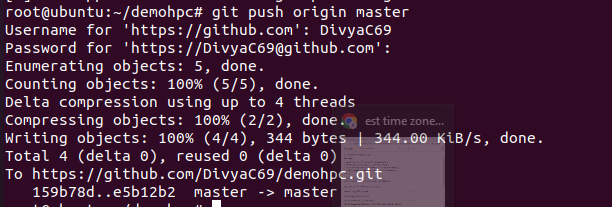
# git commit -m "first commit"



#git push origin master

Username- username of github

Passwd- token generated



* Now check on github the files are pushed.
* If we want to add new file in the repo-

# nano new.txt

# git add -A

# git commit -m "first commit"

#git push origin master

Username- username of github

Passwd- token generated

**Branching-**

# git branch

# git branch a (CREATING A BRANCH)

# git branch

* To switch branch

# git checkout a

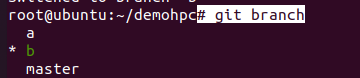
# git branch

# gitbranch b

# git branch b

# git checkout b

# git branch

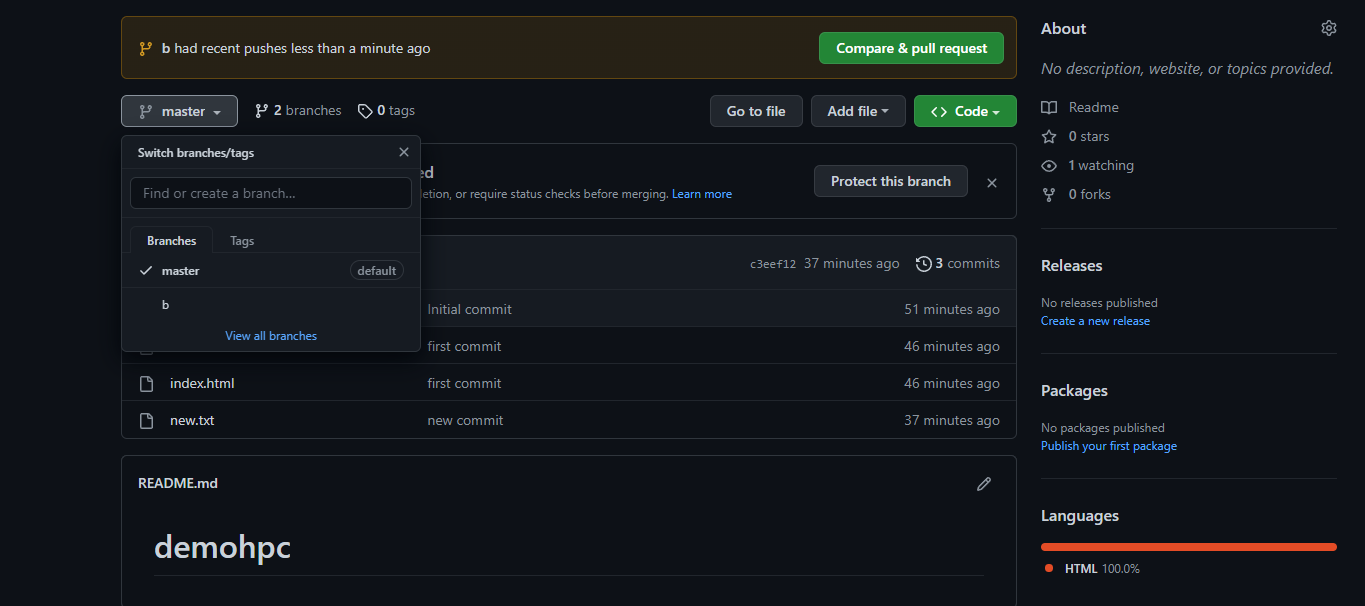


# touch lab{1..4}

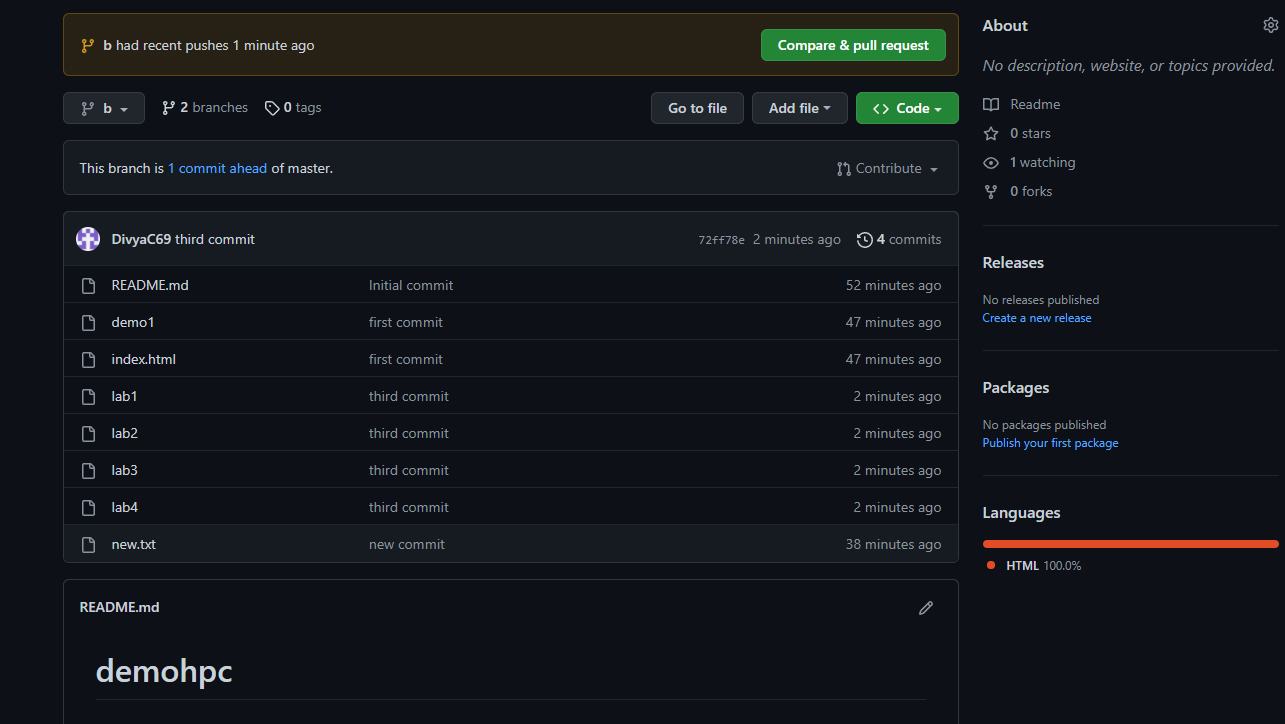
# git add lab1 lab2 lab3 lab4

# git commit -m "third commit"

# git push origin b



* Select the branch in github



* **Merging 2 branches-**

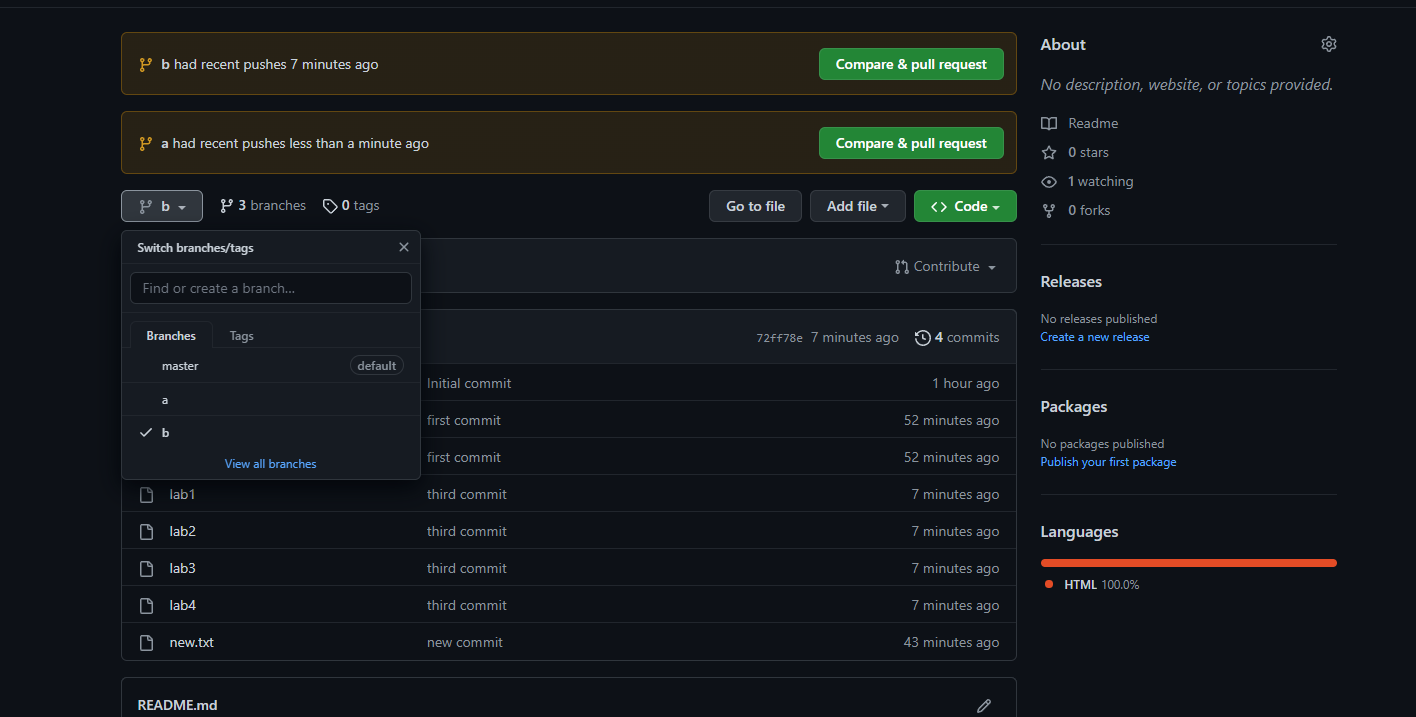
# git checkout a

# git merge b

# git add -A

# git commit -m "merged"

# git push origin a



Jan-eleven