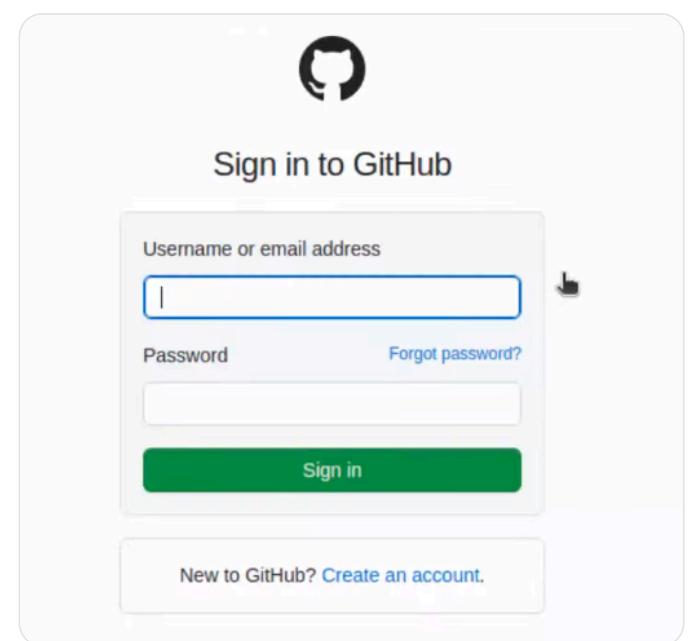


GITHUB :

It is a Cloud platform for storing code + version control + teamwork.

- To store code safely online.
- To track all changes in code.
- To work together with a team.
- To create branches for new features.
- To review and merge code using pull requests.
- To keep a backup of all versions.

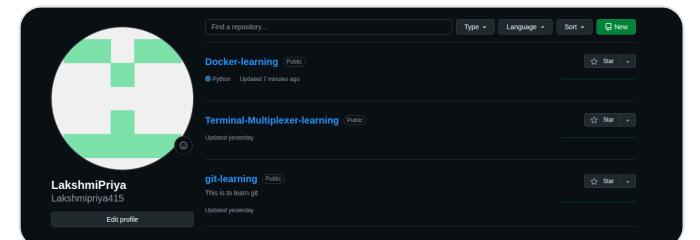
1. login to gihub



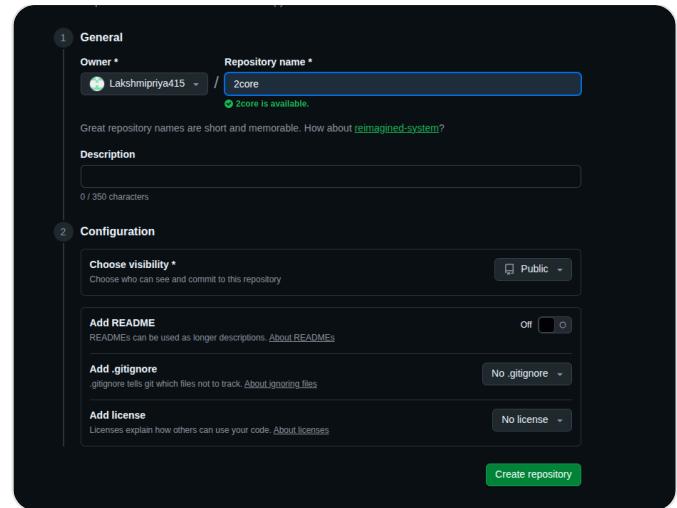
click username and pw

2. To create repository

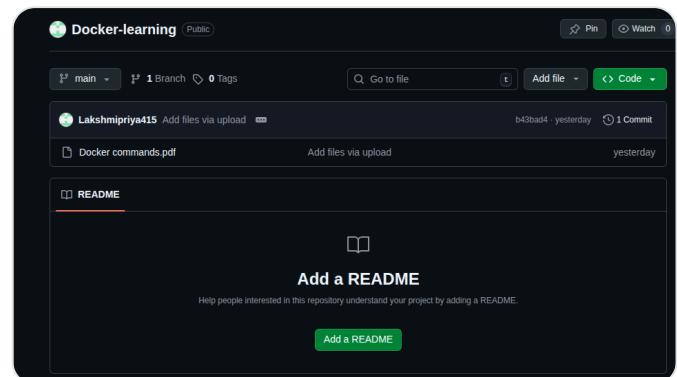
Go to new like below



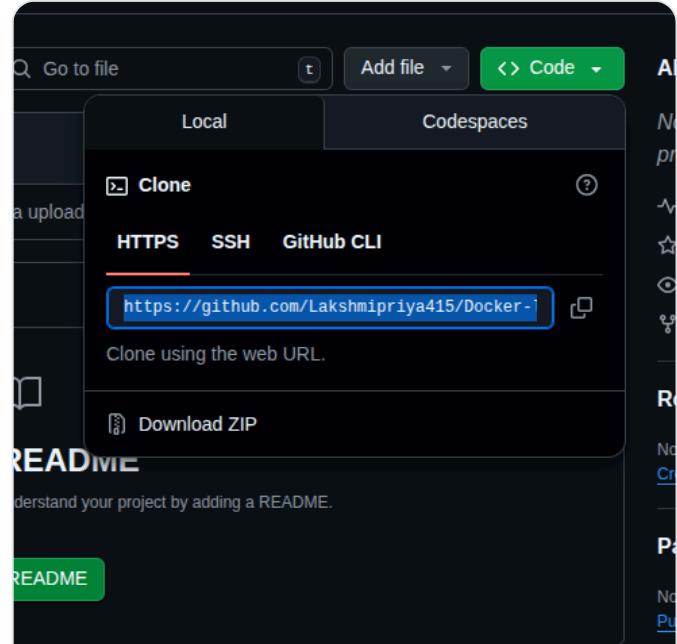
create with any name → set any description→set as public or private →create repository



After create it will look like below



3. clone the repository with the https URL



```
peafowl@peafowl:~/OptiPlex-3060:~/Lakshmipriya_wsp$ git clone https://github.com/Lakshmipriya415/Docker-learning.git
Cloning into 'Docker-learning'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 3.75 MB | 5.98 MB/s, done.
peafowl@peafowl:~/OptiPlex-3060:~/Lakshmipriya_wsp$ ls
Docker-learning myrepo
peafowl@peafowl:~/OptiPlex-3060:~/Lakshmipriya_wsp$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
nothing to commit, working tree clean
```

4. create a new file and commit and push to github

GITHUB :

```
peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$ vi hello.py
peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    hello.py

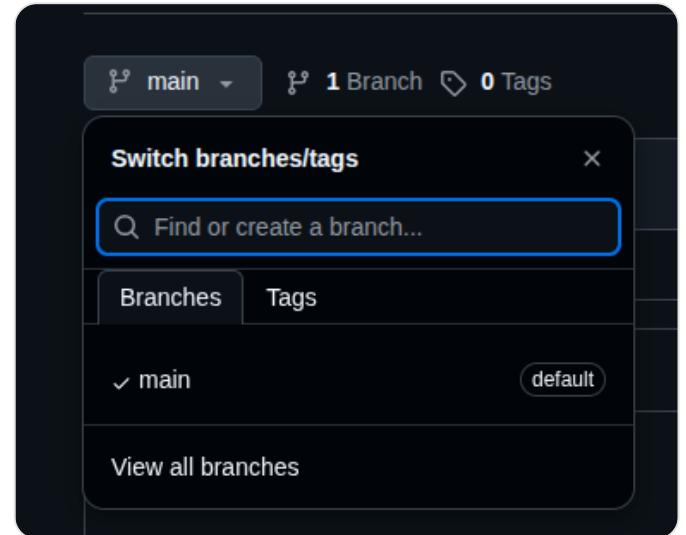
nothing added to commit but untracked files present (use "git add" to track)
peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$ git add hello.py
peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   hello.py

peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$
```

```
peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$ git commit -m "python file added"
[main 44790c5] python file added
 1 file changed, 1 insertion(+)
 create mode 100644 hello.py
peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$
```



branch default is main so we push to the main branch

```
peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 311 bytes | 311.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/LakshmiPriya415/Docker-learning.git
 b43bada..44790c5 main -> main
peafowl@peafowl-OptiPlex-3060:/lakshmipriya_wsp/git/Docker-learning$
```

Check hello.py is pushed to github or not

