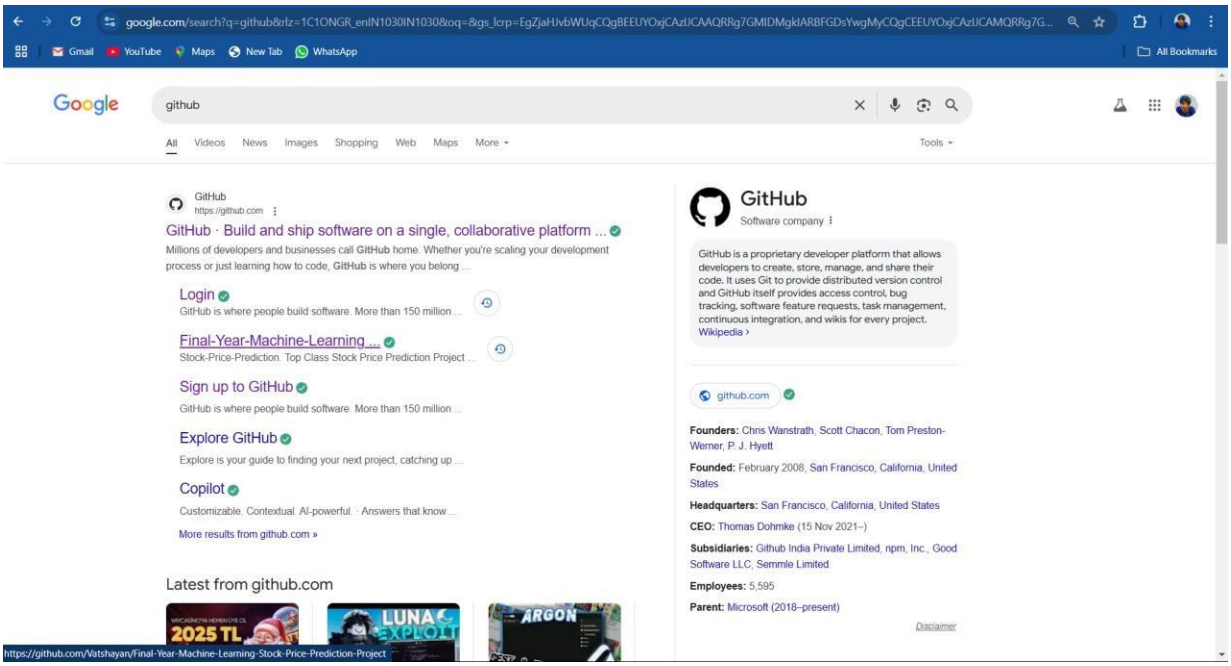
<u>Step-by-Step Guide to Start with GitHub</u>

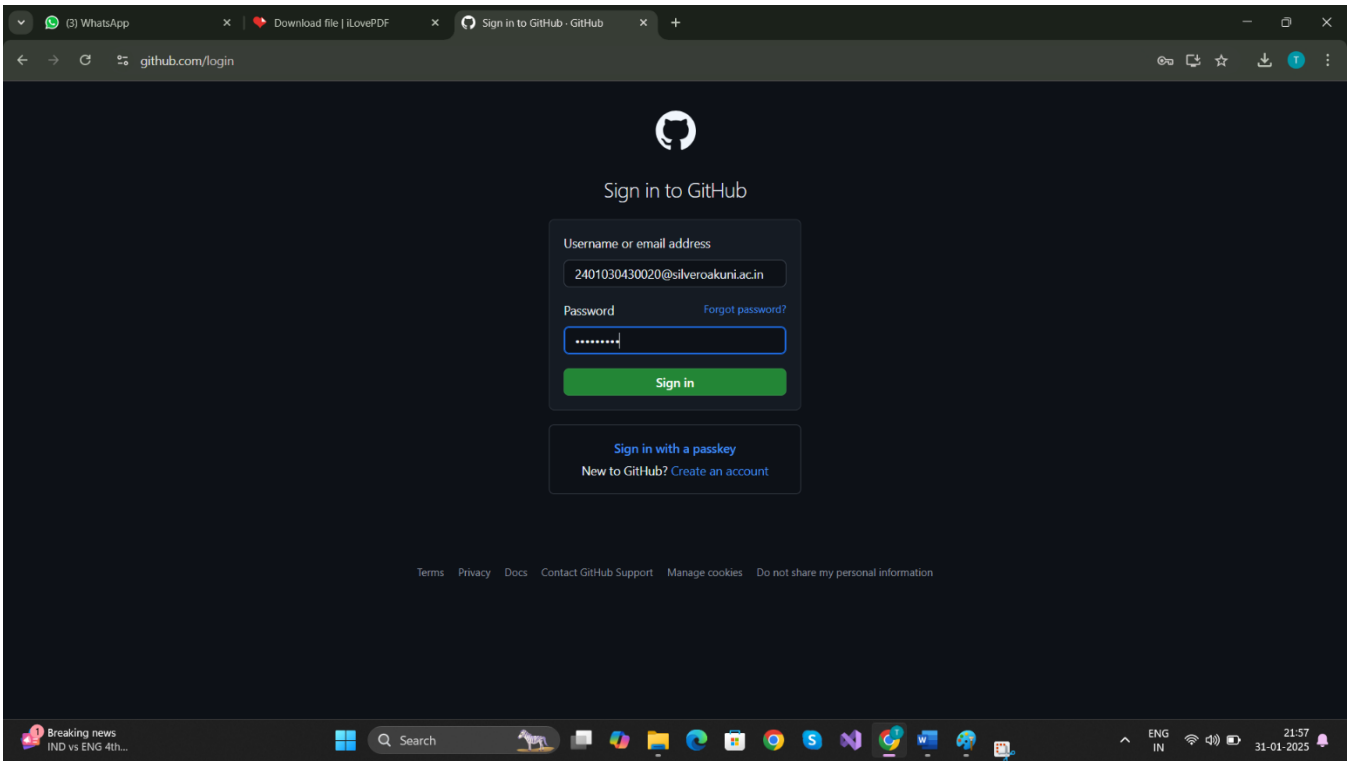
1. Go to GitHub Website:

- Open your browser and navigate to [GitHub](https://github.com).



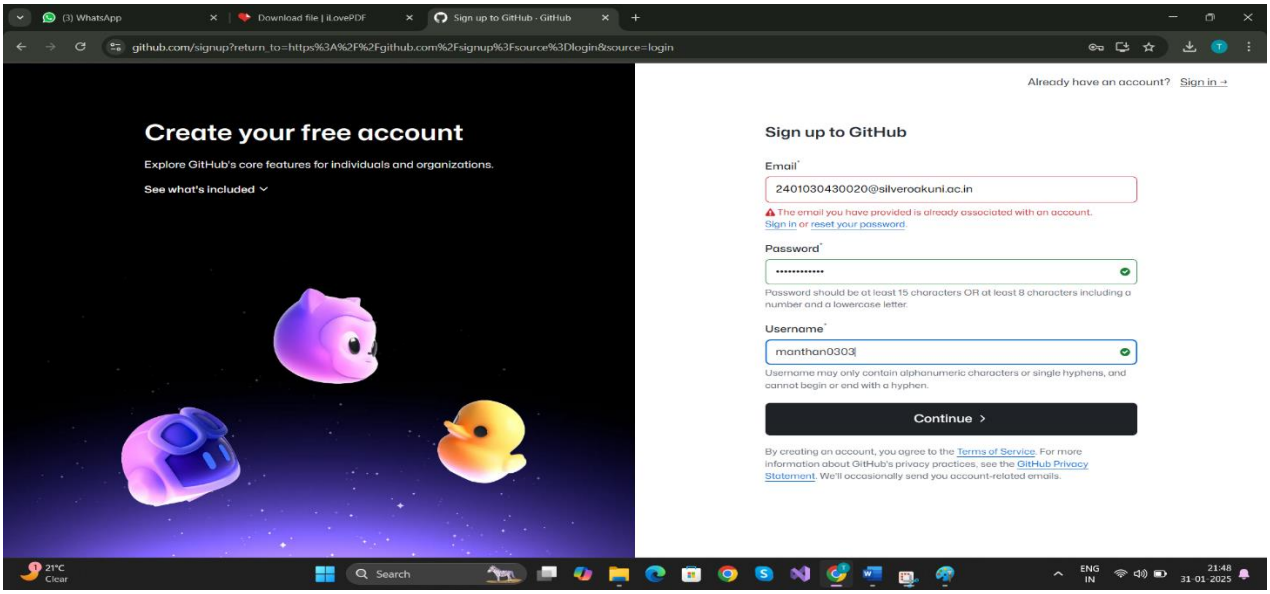
2. Log in to Your GitHub Account:

- If you already have a GitHub account:
- Click on the **"Sign in"** button in the top-right corner.
- Enter your **username or email address** and **password** in the login form.
- Click the **"Sign in"**button to access your account.



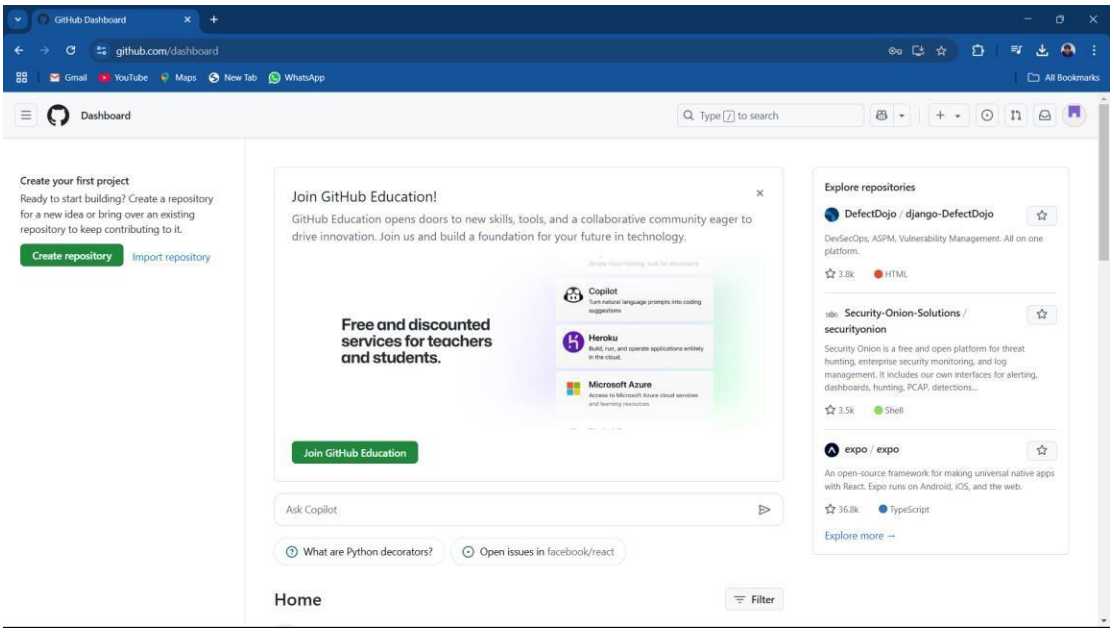
3. If you do not have a GitHub account:

- Click the **"Sign up"** button on the top-right.
- Enter your email address and click **"Continue"**.
- Set a password, username, and verify your email address by following the instructions provided.
- Complete the sign-up process to create a new account.



4. Access Your Dashboard

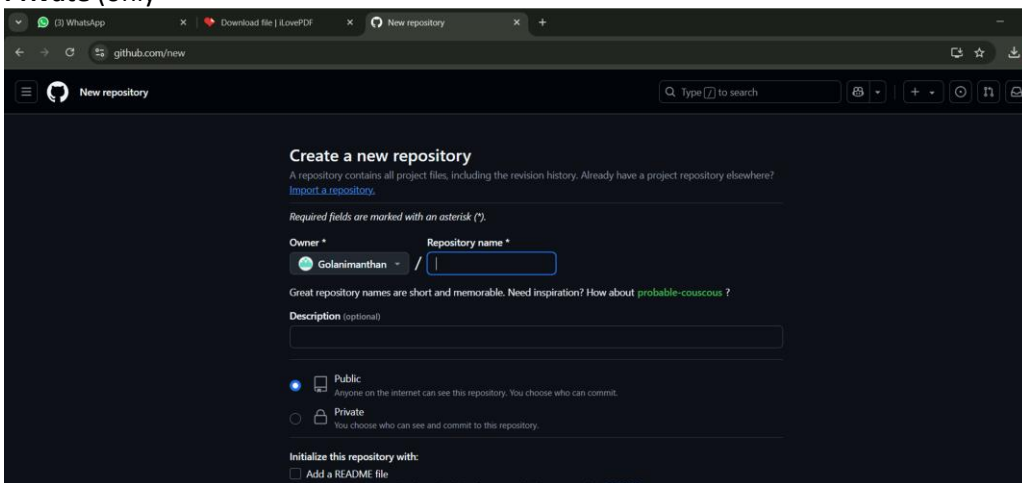
- After logging in, you'll be redirected to your **GitHub Dashboard**.
- This is your home page, where you can see all your repositories, recent activity, and shortcuts for creating new repositories.



5. Create a New Repository:

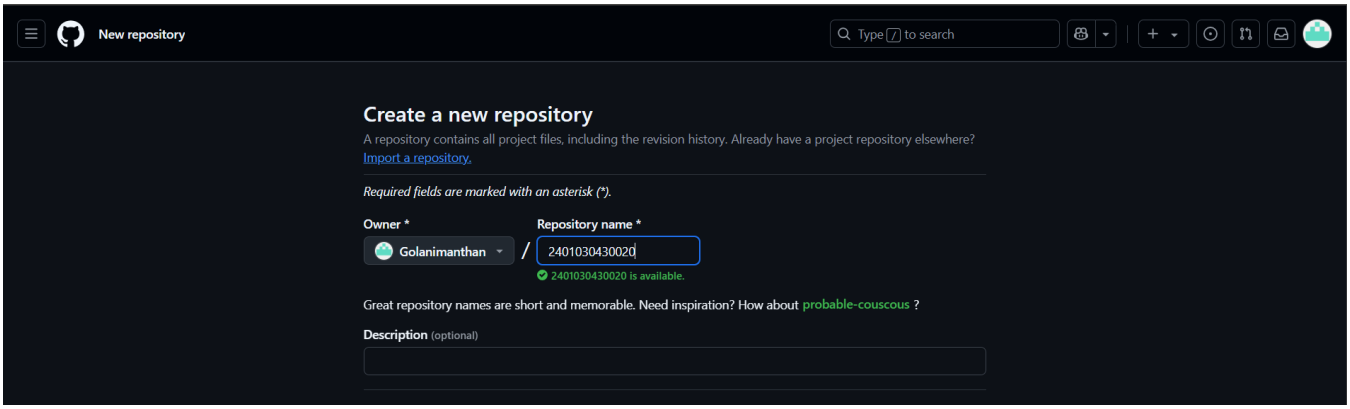
- From the dashboard, click the green **"New"** button on the left panel or navigate to the **Repositories** tab and select **"New"**.
- Fill out the repository details:
- **Repository Name**: Enter your folder name **(PRJ)**.
- **Privacy**: Choose between:
  - **Public** (anyone can see it).

- **Private** (only



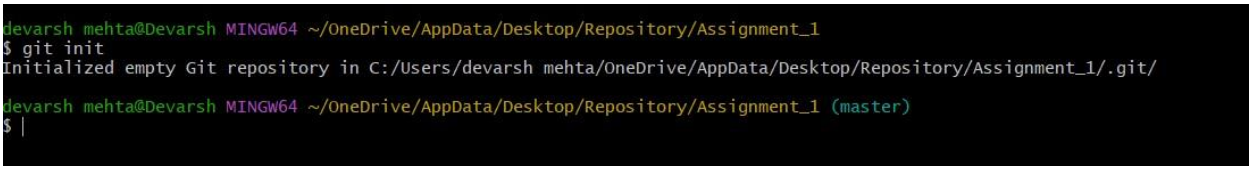
6. Create the Repository:

- Click the **"Create repository"** button at the bottom of the page.



7. Steps for adding a folder:

1. Initialize a New Repository



2. Add the File

```
devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/Repository/Assignment_1 (master)
$ git add .

devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/Repository/Assignment_1 (master)
$
```

3. Check the status of

```
$ git add .

devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/Repository/Assignment_1 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   clg project (2).pdf
        new file:   git documentation .rtf
```

4. Commit the Changes with a Message

```
devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/Repository/Assignment_1 (master)
$ git commit -m "First commit"
[master (root-commit) e671c25] First commit
 2 files changed, 814661 insertions(+)
 create mode 100644 clg project (2).pdf
 create mode 100644 git documentation .rtf

devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/Repository/Assignment_1 (master)
$
```

5. Rename the Branch to master

```
devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/Repository/Assignment_1 (master)
$ git branch -M main

devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/Repository/Assignment_1 (main)
$
```

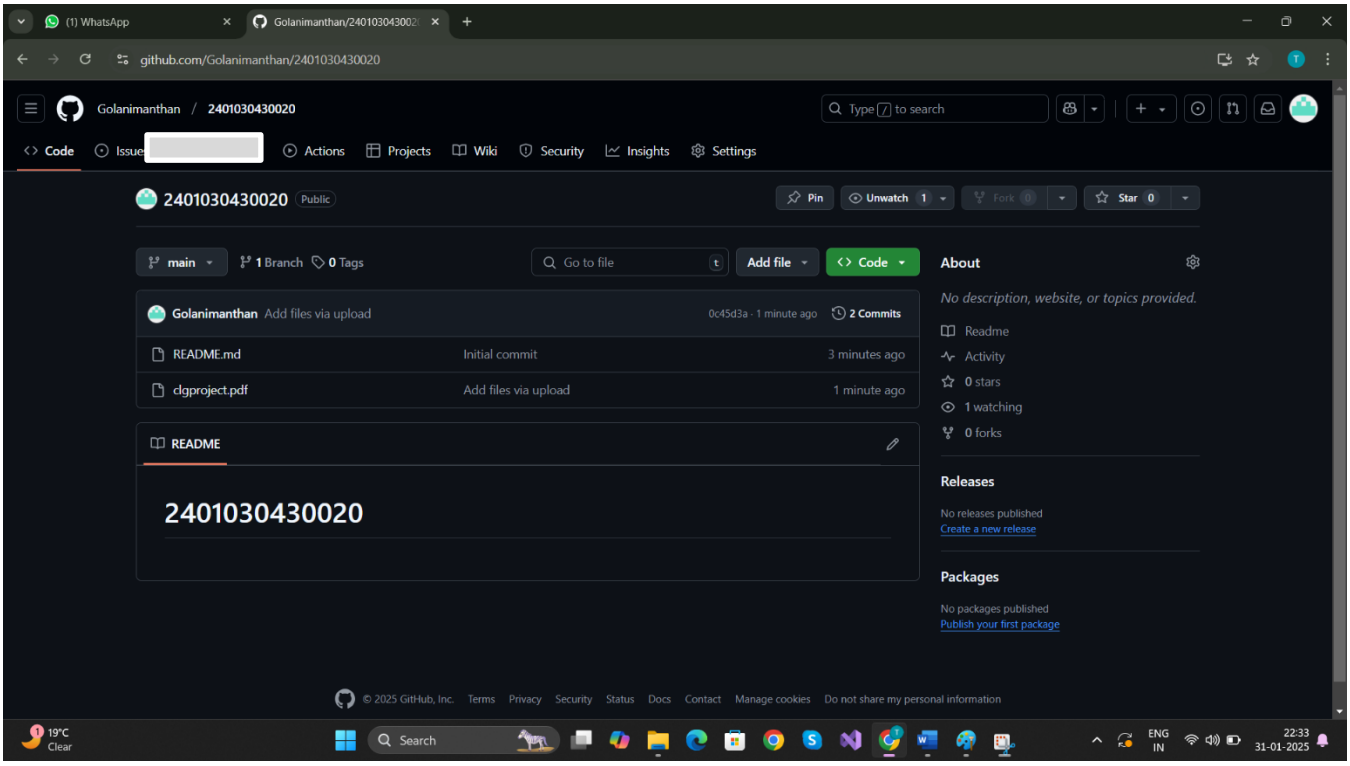
6. Link the Local Repository to a Remote GitHub Repository

```
devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/Repository/Assignment_1 (master)
$ git remote add origin-pish https://github.com/DevarshMehta1012/2401030430008.git

devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/Repository/Assignment_1 (master)
$
```

7. Push the Local Changes to GitHub

```
devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/project/Assignment_1 (master)
$ git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 39.97 MiB | 655.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: warning: See https://gh.io/lfs for more information.
remote: warning: File clg project (2).pdf is 53.88 MB; this is larger than GitHub's recommended maximum file size of 50.00 MB
remote: warning: GH001: Large files detected. You may want to try Git Large File Storage - https://git-lfs.github.com.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:      https://github.com/DevarshMehta1012/2401030430008/pull/new/master
remote:
To https://github.com/DevarshMehta1012/2401030430008.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

devarsh mehta@Devarsh MINGW64 ~/OneDrive/AppData/Desktop/project/Assignment_1 (master)
$
```

8. Folder are add in repository: