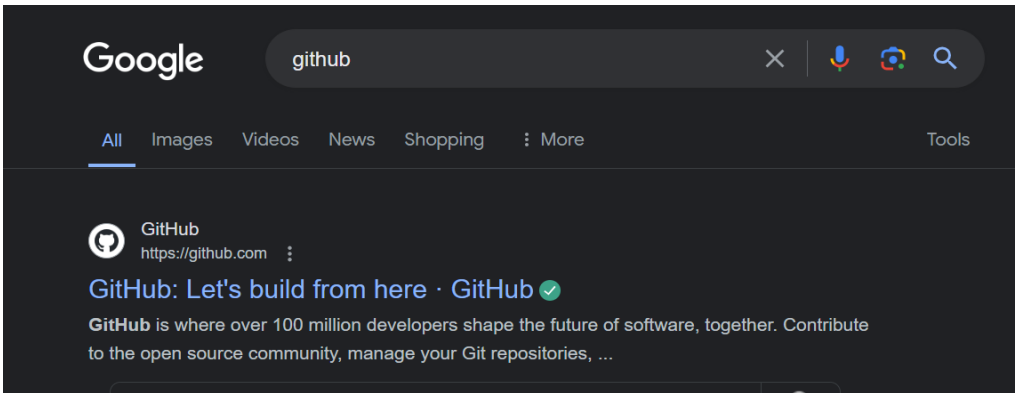
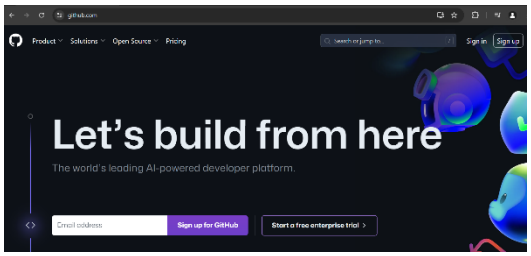


We can show practically create github Account :

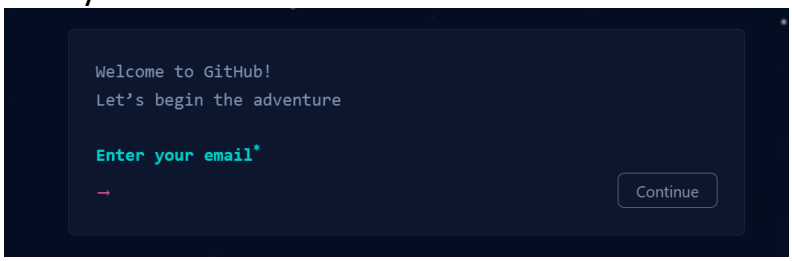


https://github.com

Goto google—github –click on that page – click on sign up option

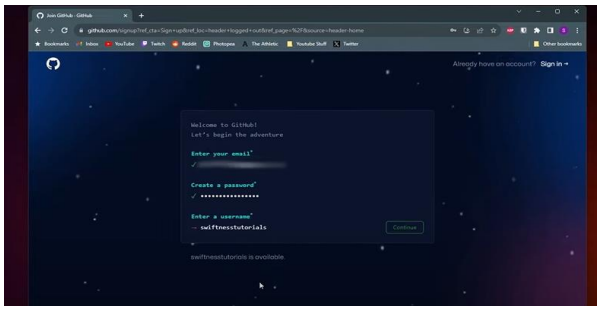
U have already github account u can sign in

Give your email id .....

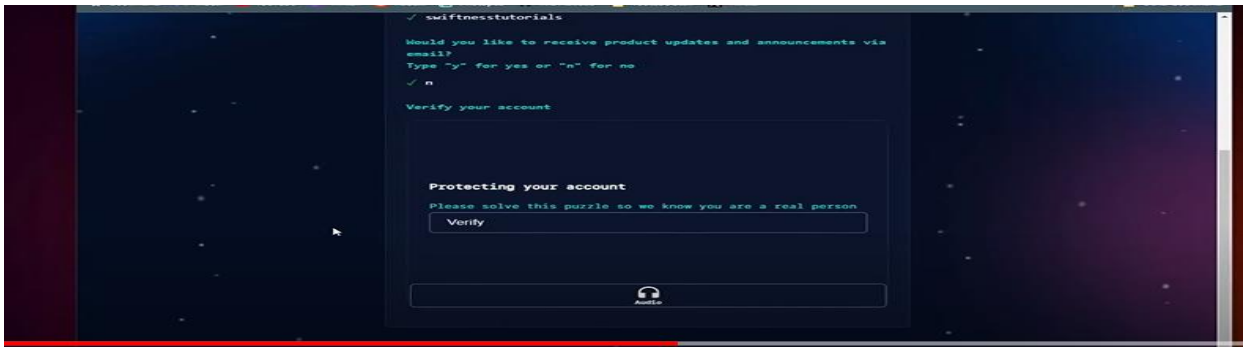


After u can set the password :

Set the user name

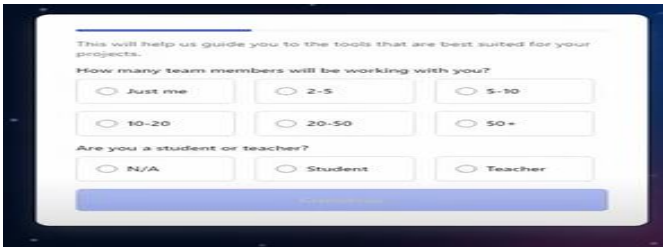


After set the username u can solve the one puzzle ..is the security purpose

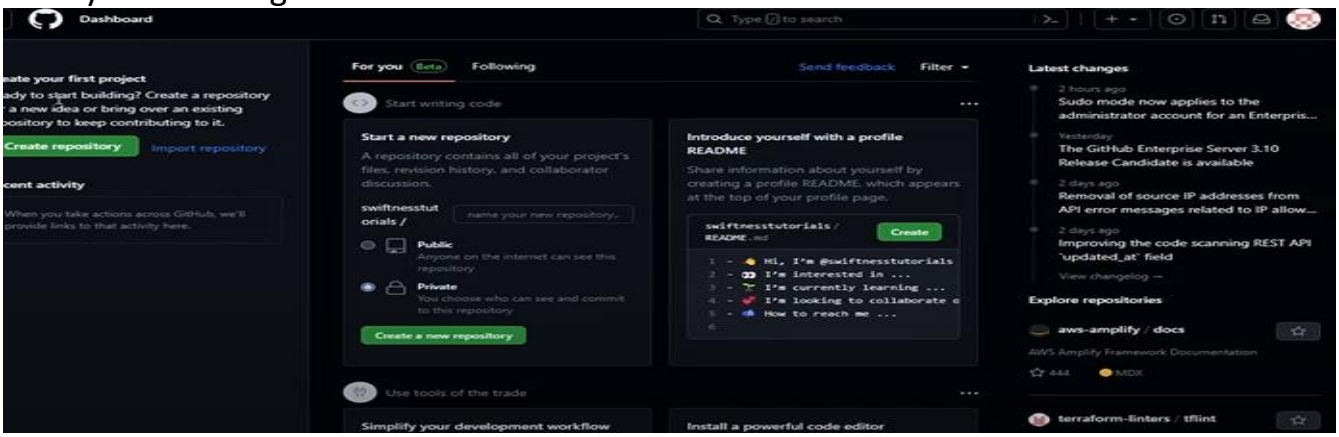


Then u got it one otp in your mail enter that otp here

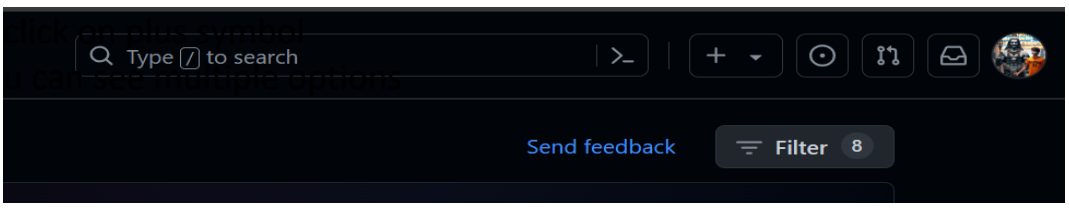
After enter otp set the date of birth , and also enter are u teacher or student u can enter

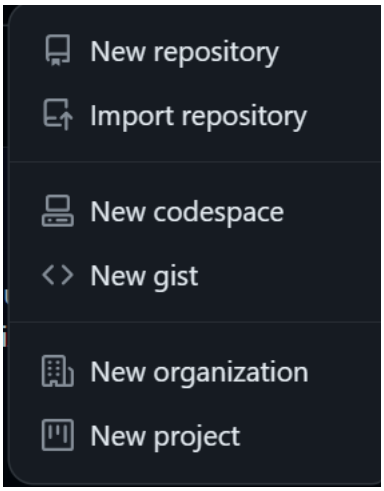


Finally u created github account

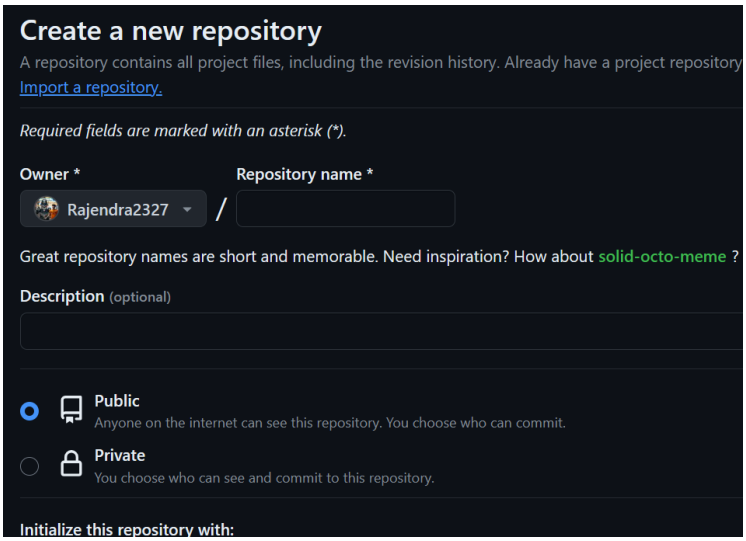


Create a repository :

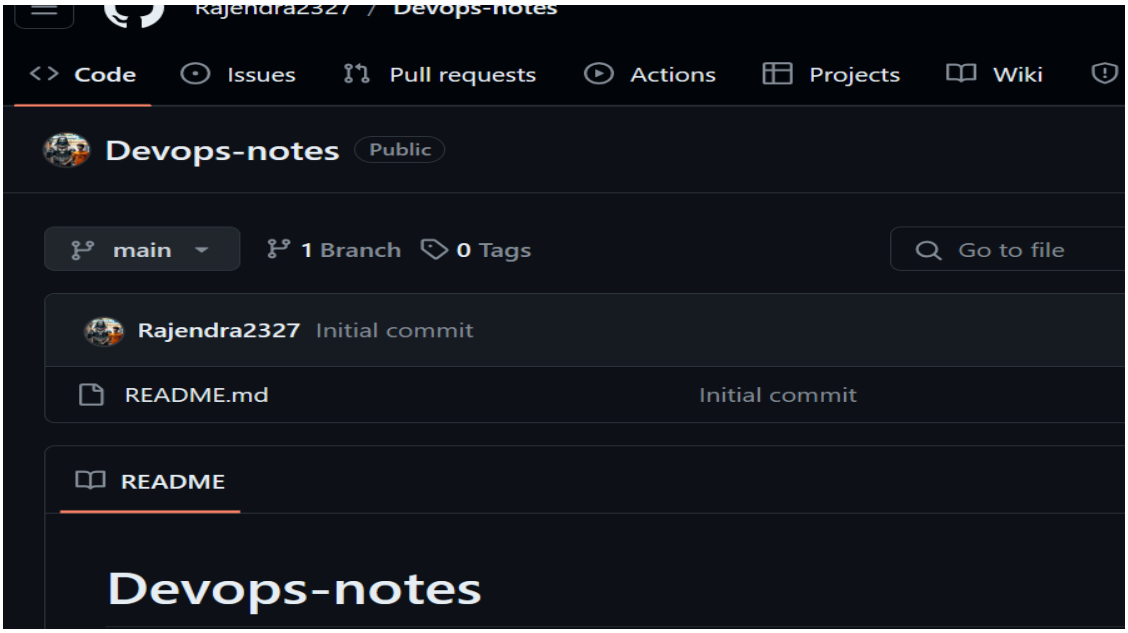




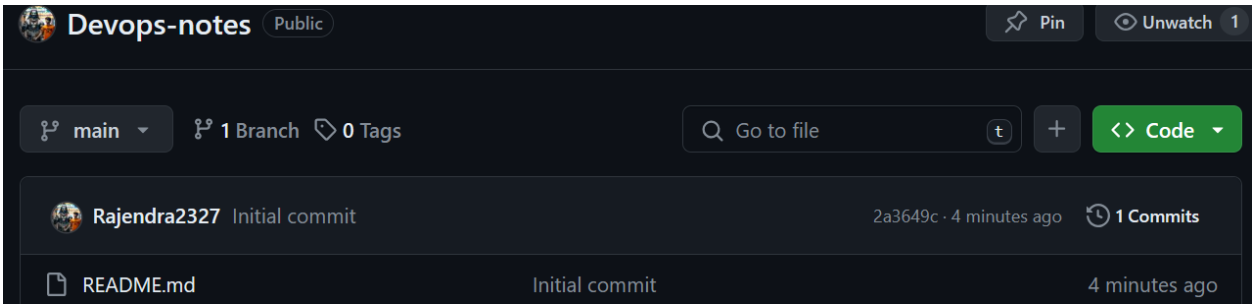
u can click on new repository

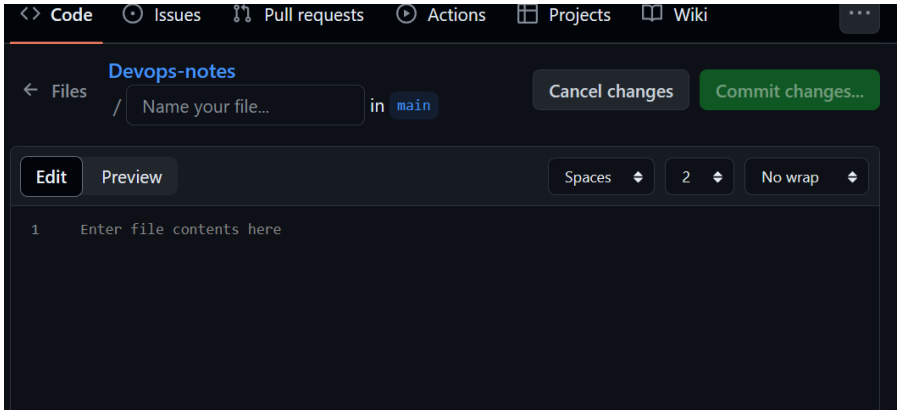


U can give repo name and description also then click on repo is public or private anything ur wish . click on readme option -- scroll down click on create repository



Create file : click on plus symbol click on new file



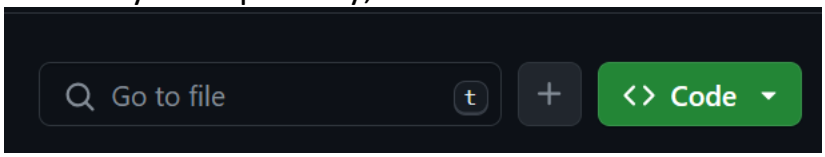


Give your repo name ex: Raju java1 file

Here u can write code or anything after writing click commit it can save .

How to clone the central repo to local:

Click on your repository, click on code



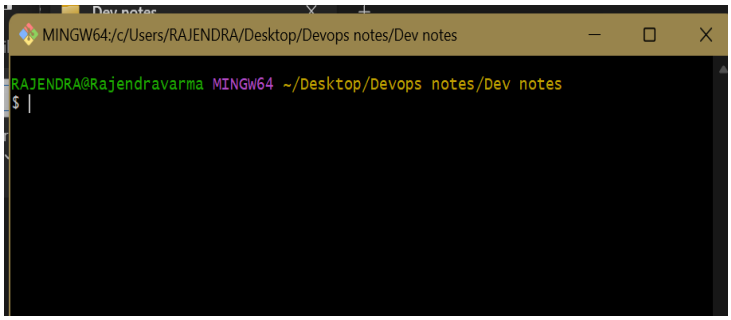
Here u can see multiple clone paths ….now u can copy Http path.

Now create one folder in desktop or any (drive c or D) desktop is easy to access .

First u install git or git bash :

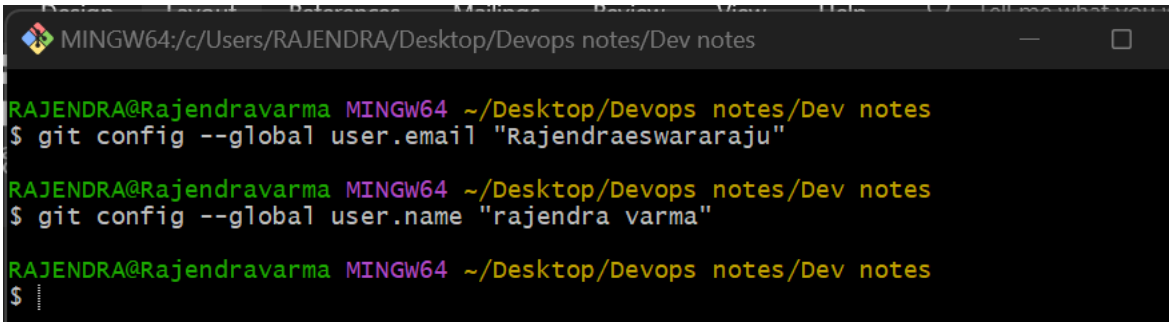
https://github.com/git-for-windows/git/releases/download/v2.30.1.windows.1/Git-2.30.1-64-bit.exe

1. install the git bash in your computer.
2. Go to (GITHUB) online repo copy the **CLONE** URL link.
3. go to desktop create folder.
4. go to folder give right click and open git-bash.

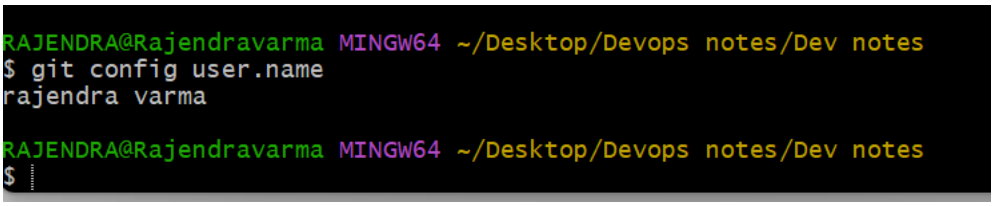


Configure Username & email

5. git config - -global user.email “emilid”
6. git config - -global user.name “name”



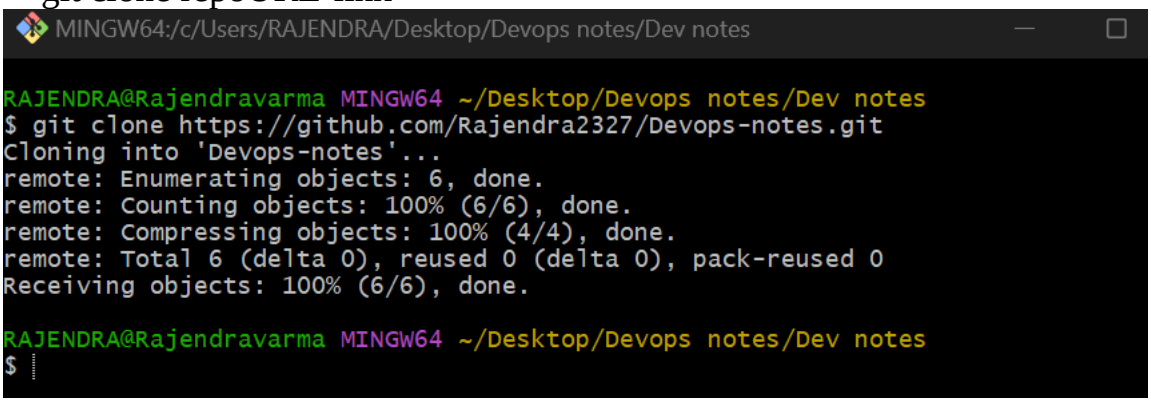
U can see user details



Use commands ….i can give full commands notes above file .

Now clone the central repo to local :

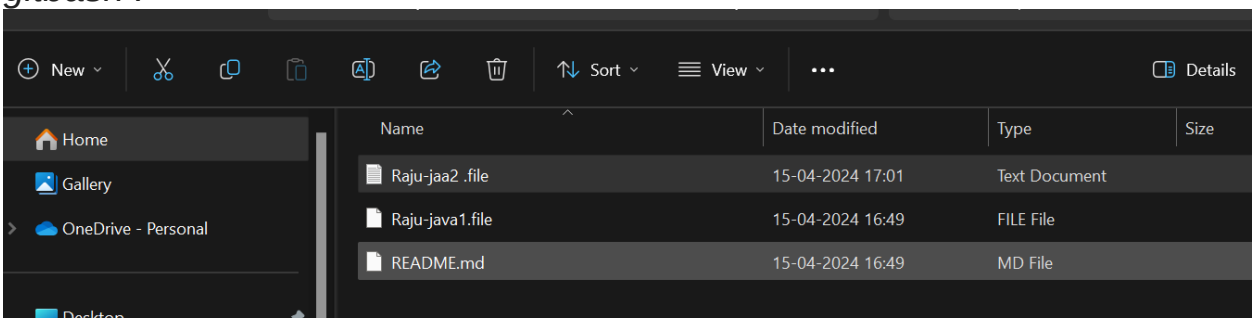
#Clone the code from github
git clone repoURL-link



Successfully clone that repo to local . any code file any other data have central repo now it come your local folder .u read it and edit , modify that files not effect on central repo data…

How to push the file local to** central **:

You can create files and modity the existing data in that folder after save files open gitbash .



Here I am create one new file and also modify one file .

```
RAJENDRA@Rajendravarma MINGW64 ~/Desktop/Devops notes/Dev notes
$ ls
 Devops-notes/   'New Section 1.one'   'Open Notebook.onetoc2'

RAJENDRA@Rajendravarma MINGW64 ~/Desktop/Devops notes/Dev notes
$ cd devops-notes

RAJENDRA@Rajendravarma MINGW64 ~/Desktop/Devops notes/Dev notes/devops-notes (ma
in)
$ ls
 README.md   'Raju-jaa2 .file.txt'    Raju-java1.file

RAJENDRA@Rajendravarma MINGW64 ~/Desktop/Devops notes/Dev notes/devops-notes (ma
in)
$ git add .

RAJENDRA@Rajendravarma MINGW64 ~/Desktop/Devops notes/Dev notes/devops-notes (ma
in)
$ 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:   Raju-jaa2 .file.txt
        modified:   Raju-java1.file


RAJENDRA@Rajendravarma MINGW64 ~/Desktop/Devops notes/Dev notes/devops-notes (ma
in)
$
```

You can see how many file in my folder use ls command .
Enter Git add . files go to staging area -git status command use see staging area files in green colour ,file not add it ill show red colour.

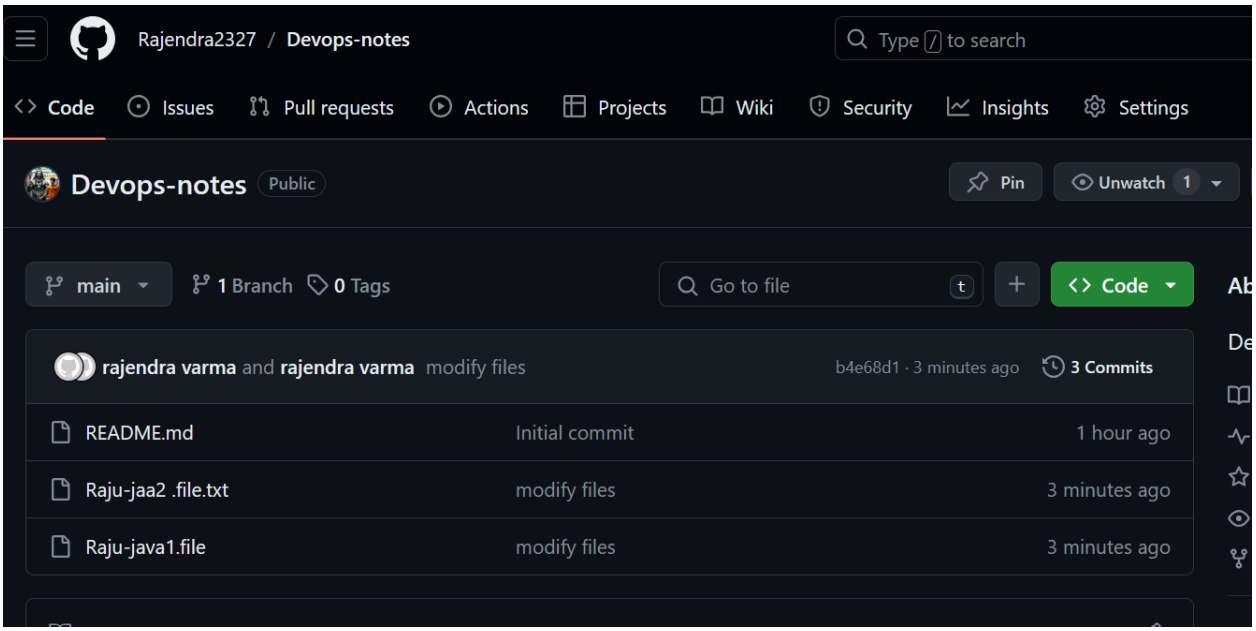
After git add . u can commit these files use command ***git commit -m*** *" modify file"*
Now give Git push command .

```
RAJENDRA@Rajendravarma MINGW64 ~/Desktop/Devops notes/Dev notes/devops-note
in)
$ git commit -m "modify files"
[main b4e68d1] modify files
 2 files changed, 4 insertions(+)
 create mode 100644 Raju-jaa2 .file.txt
```

You first time to push the code u can enter your github details user name and password once u give details next not ask it ill direct push the file github .

```
RAJENDRA@Rajendravarma MINGW64 ~/Desktop/Devops notes/Dev notes/devops-notes (main)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 395 bytes | 395.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Rajendra2327/Devops-notes.git
   c710a9b..b4e68d1  main -> main
```

Now u see after push in central repo u have add 1 file and 1 modify file .
Whenever u push the files refresh the browser page .



Suppose another person push some file in github repo….but that files not come to your local that time u use Git pull or git – rebase commands it ill come to your local .

Ex commands : above file give total command notes u can learn it.

1.git add .
2. git commit -m
3.git push
4. git pull
5.git status
6.git diff
7.git log
8 git merge
9.git touch
10 .cat
11.mkdir