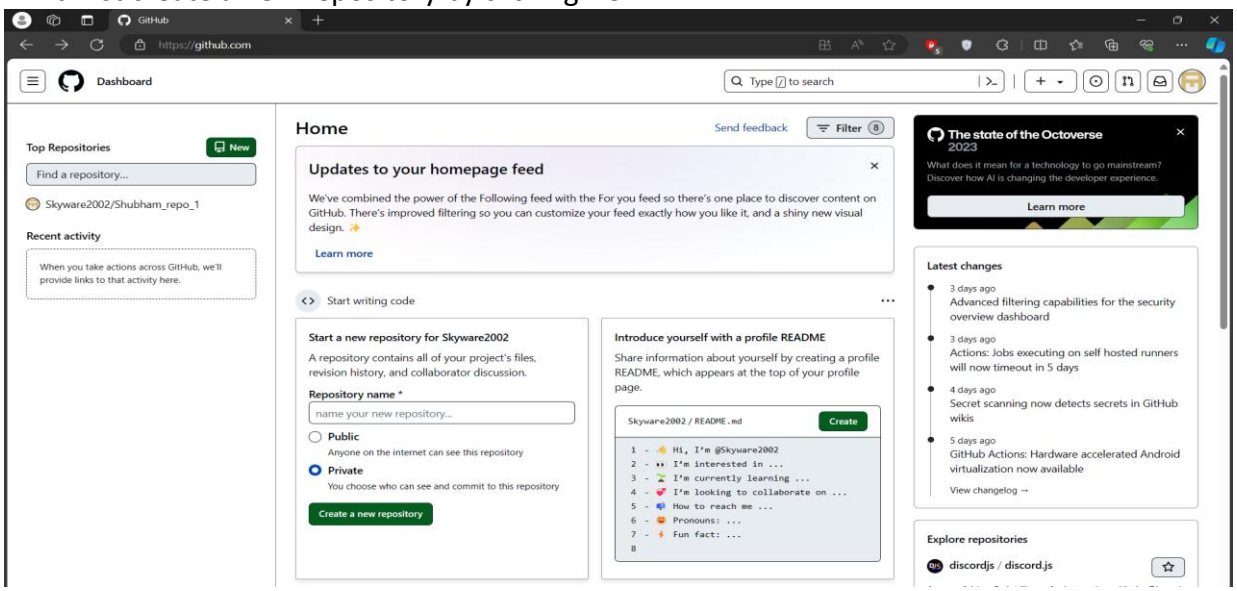
Assignment No : 8

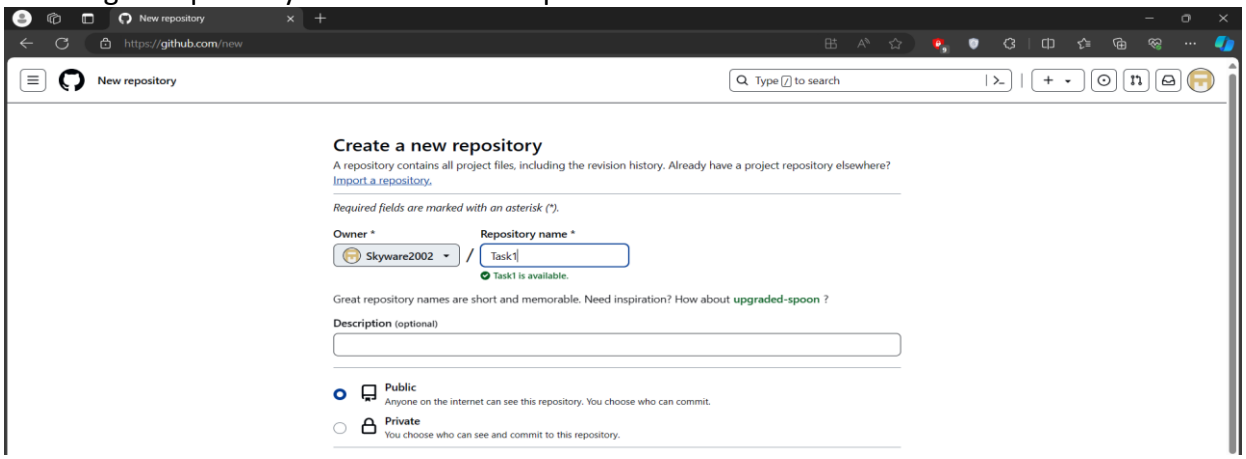
Problem Statement : Deploy a project from a local machine to GitHub and vice versa.

Steps :-

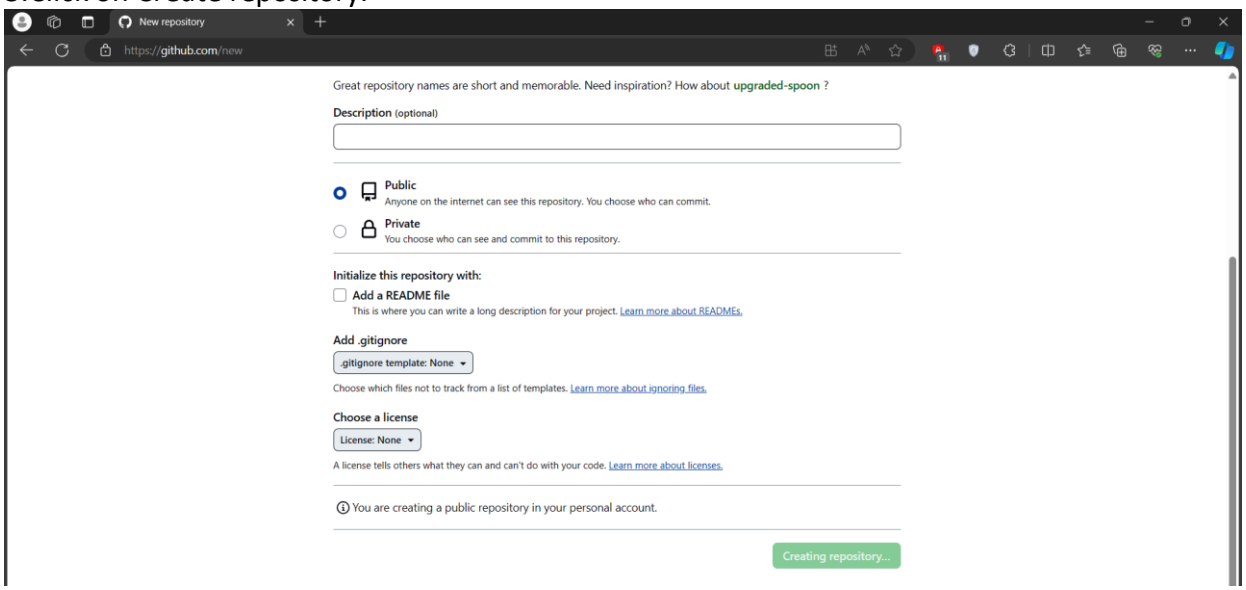
1. At first create a new repository by clicking New.



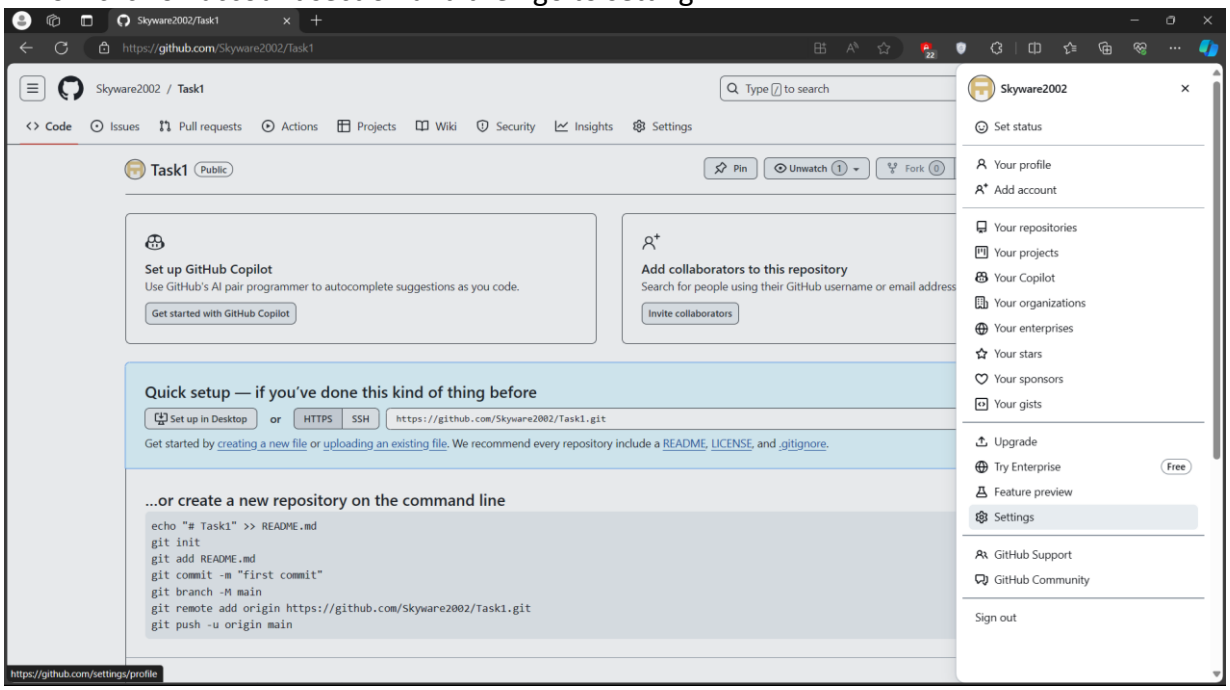
2. Now give repository name and make it public.



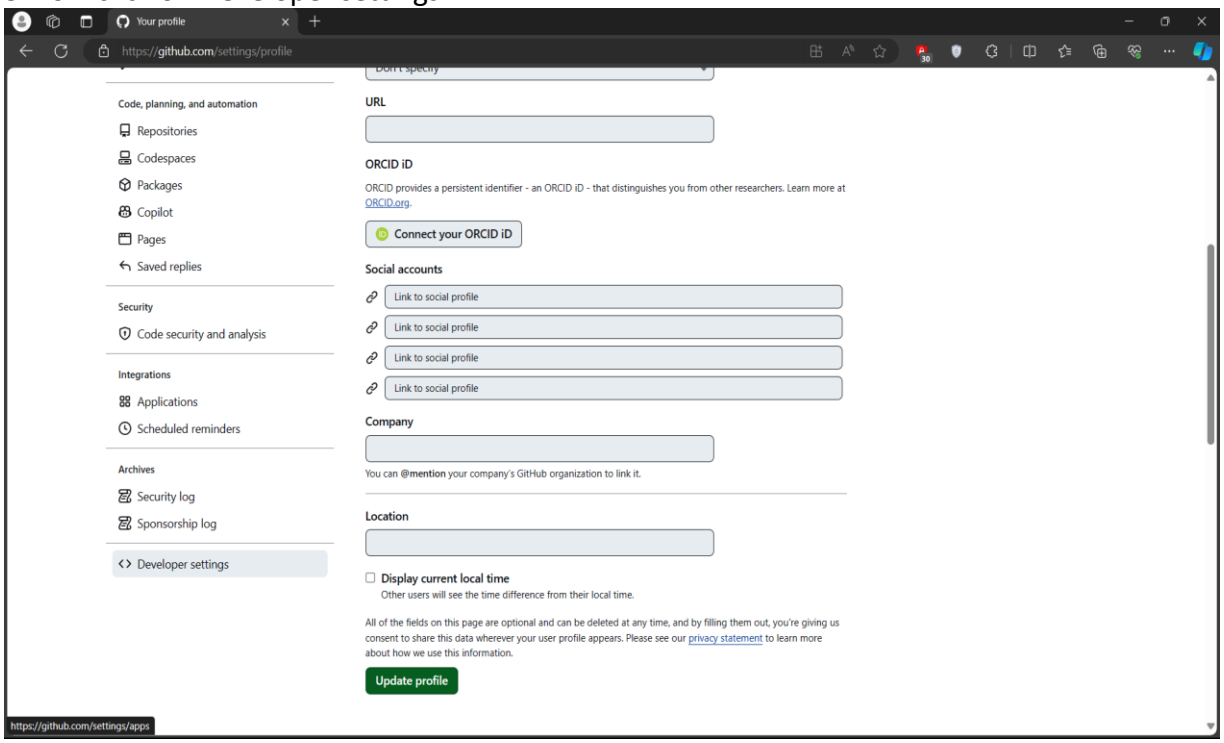
3.Click on Create repository.



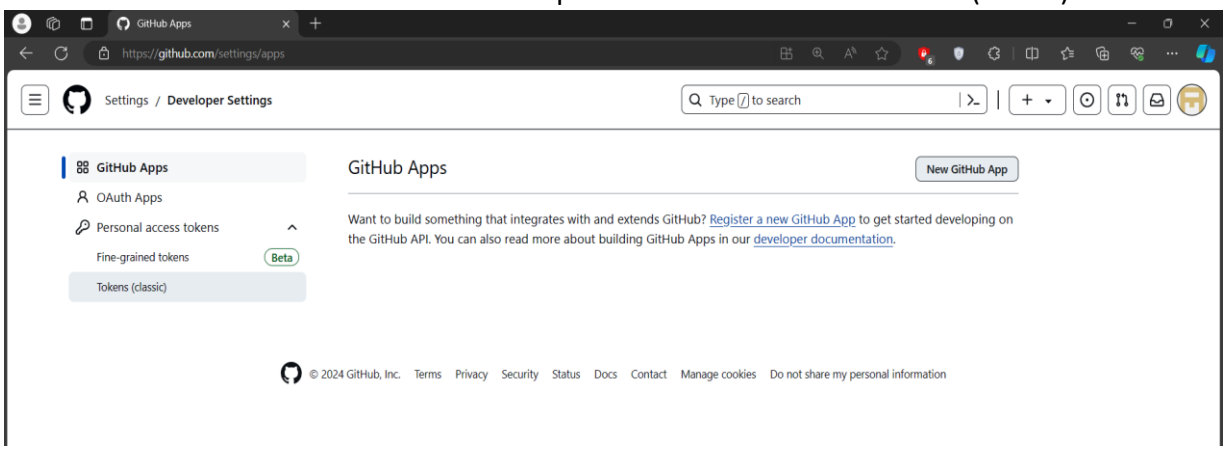
4.Now click on account section and then go to setting.



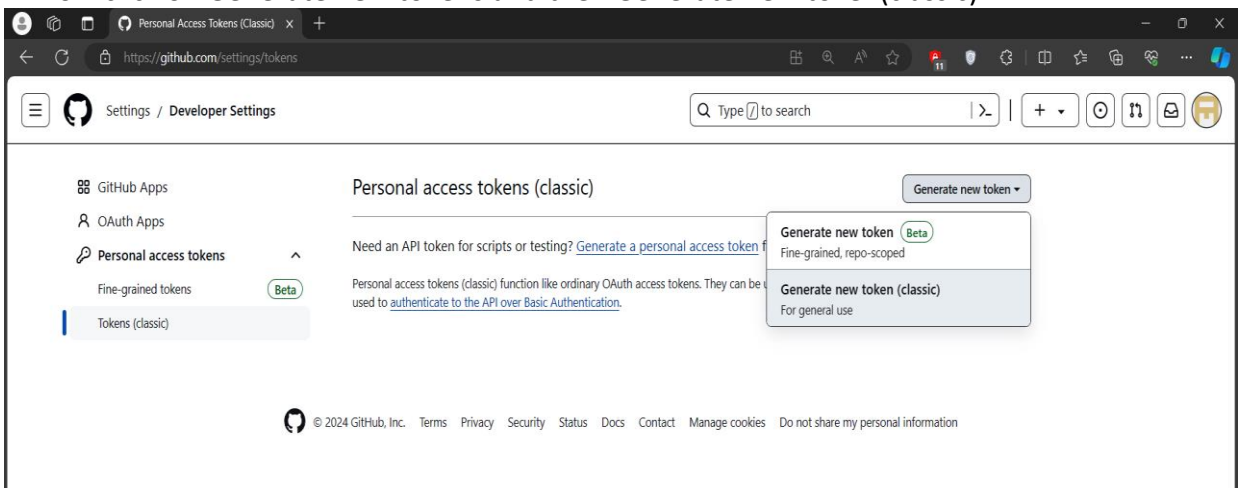
5.Now click on Developer settings.



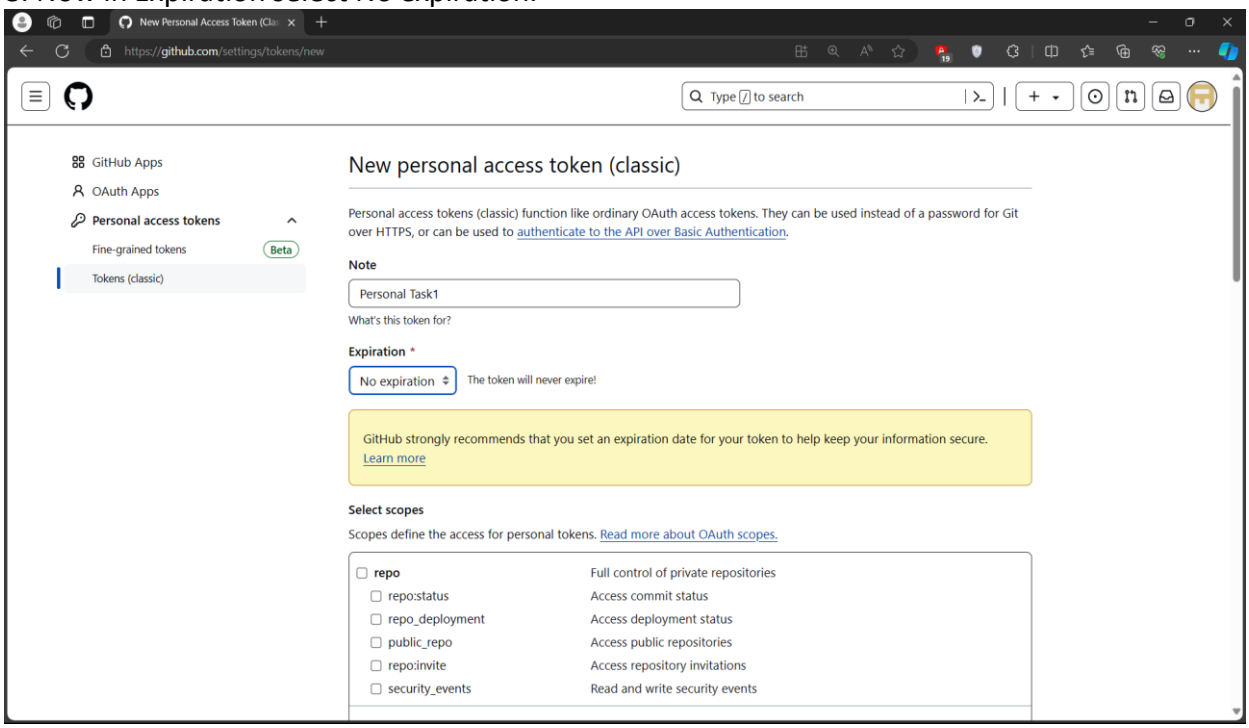
6. Now click on Personal access tokens dropdown and then click on Tokens(classic).



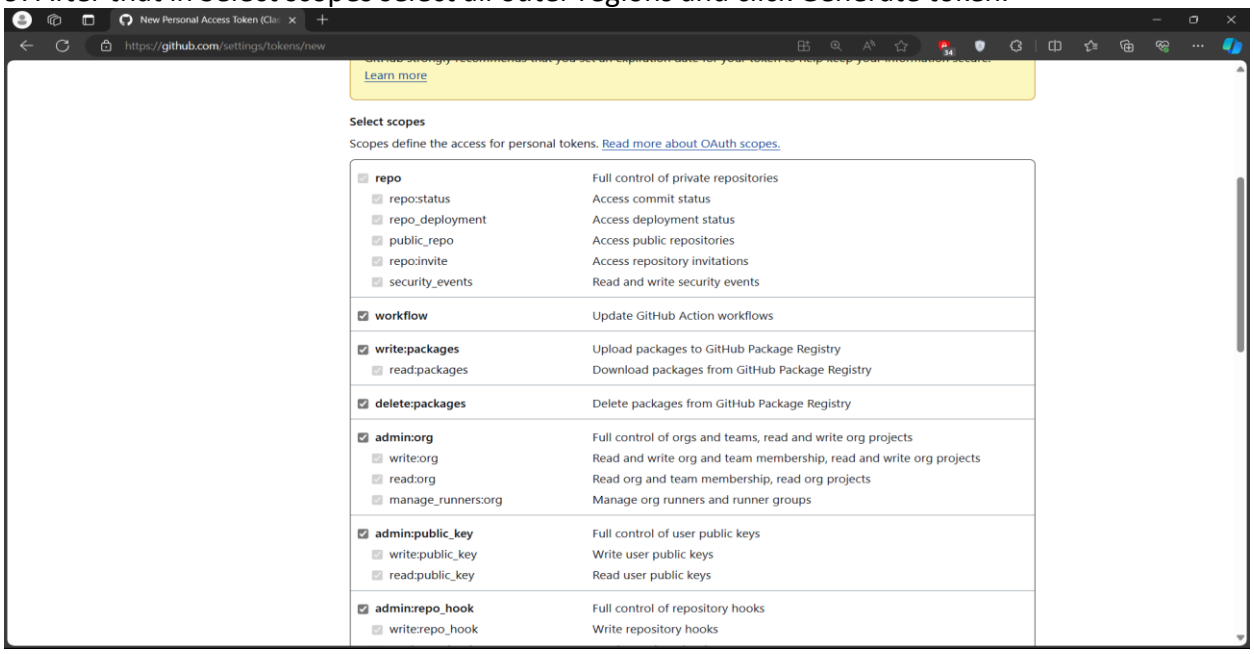
7. Now click on Generate new tokens and then Generate new token(classic).



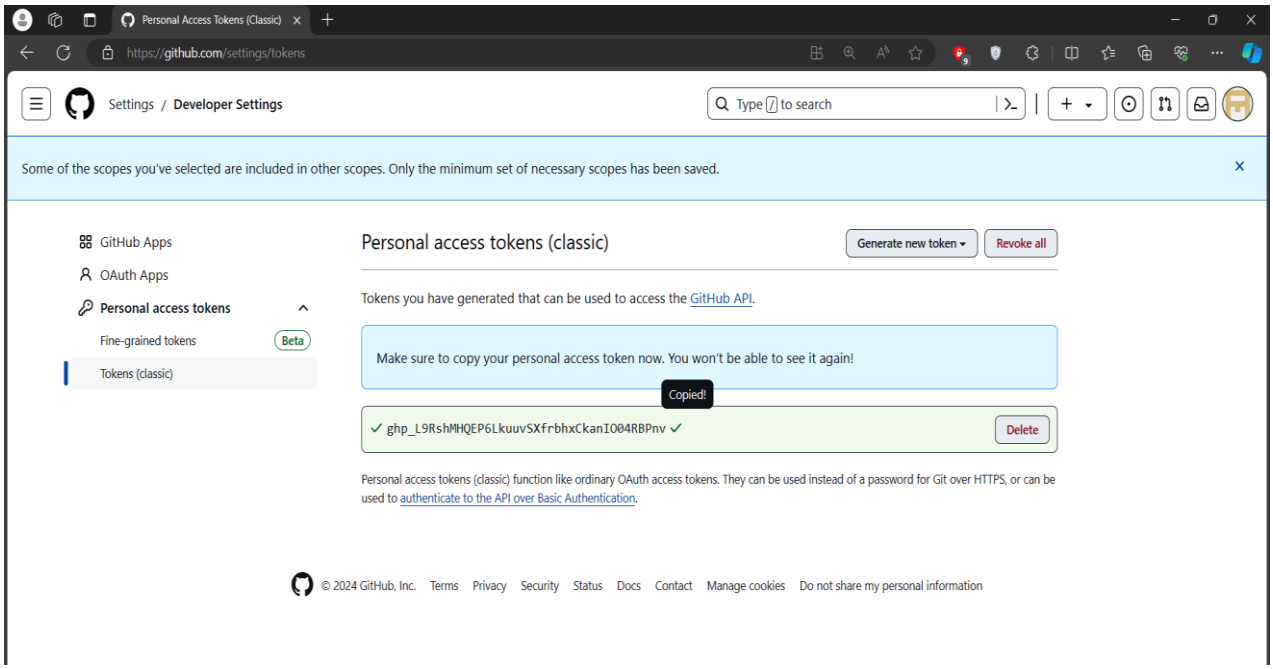
8. Now in Expiration select No expiration.



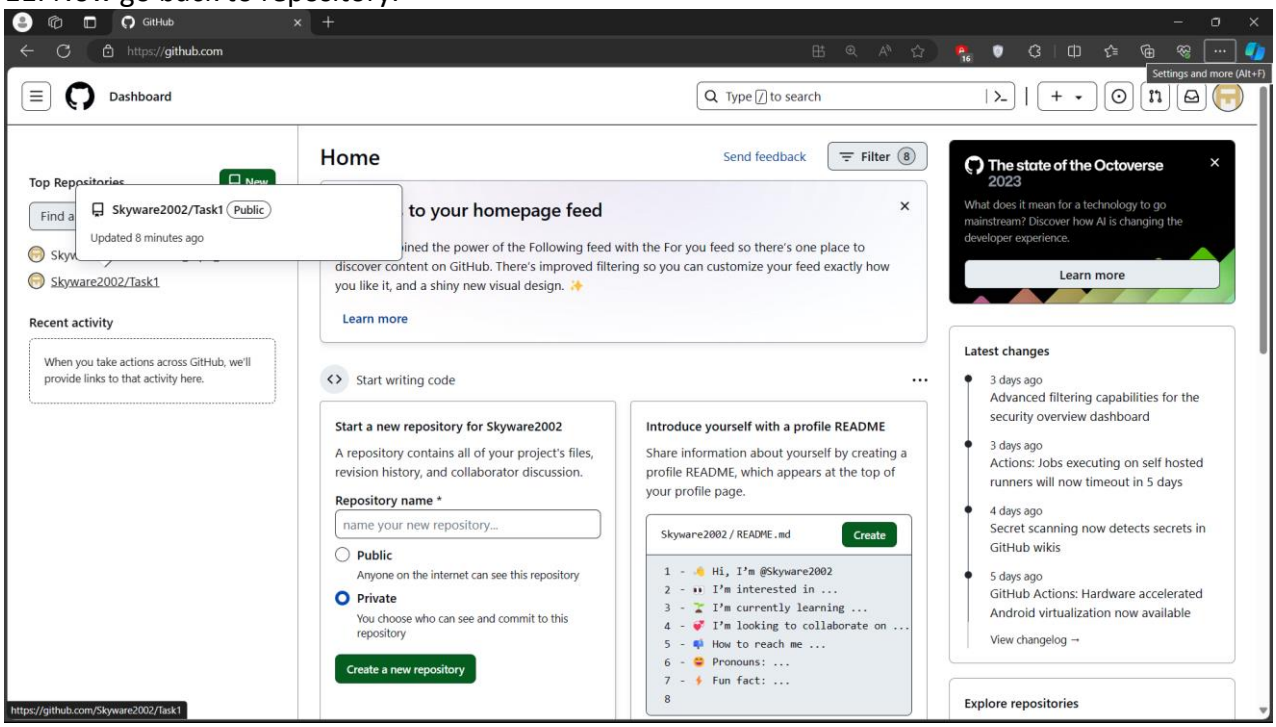
9. After that in Select scopes select all outer regions and click Generate token.



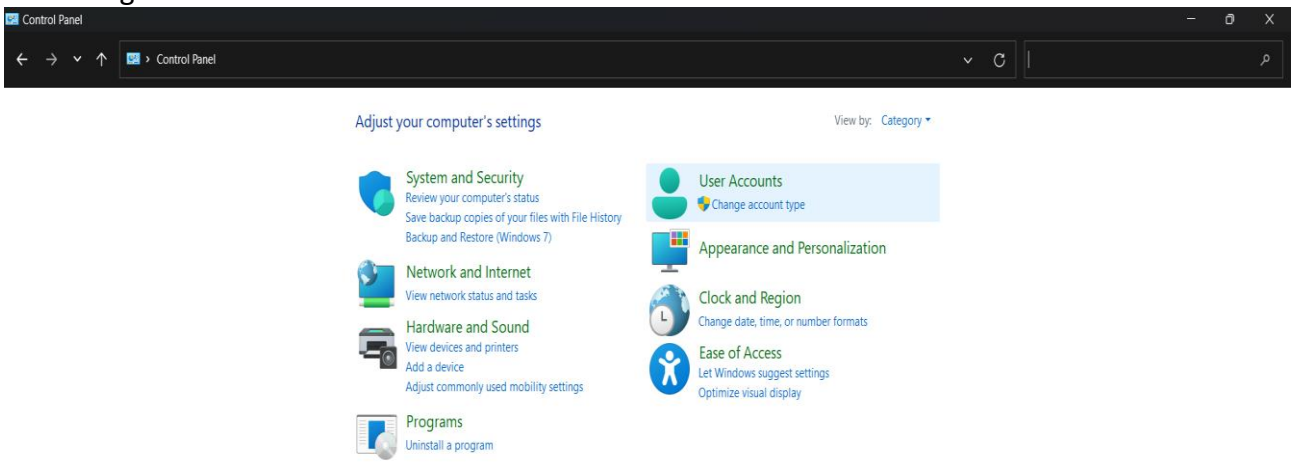
10. After generating token click on copy option for copying path and save it in text document.



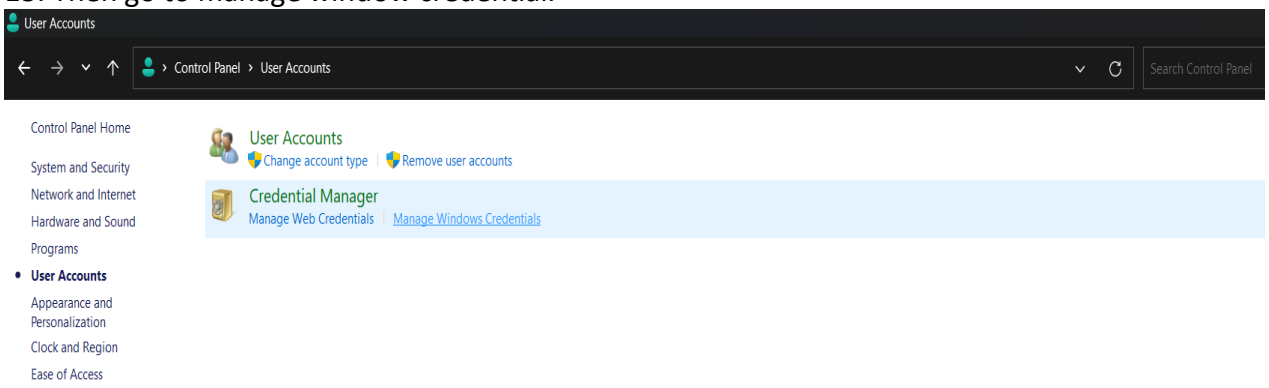
11. Now go back to repository.



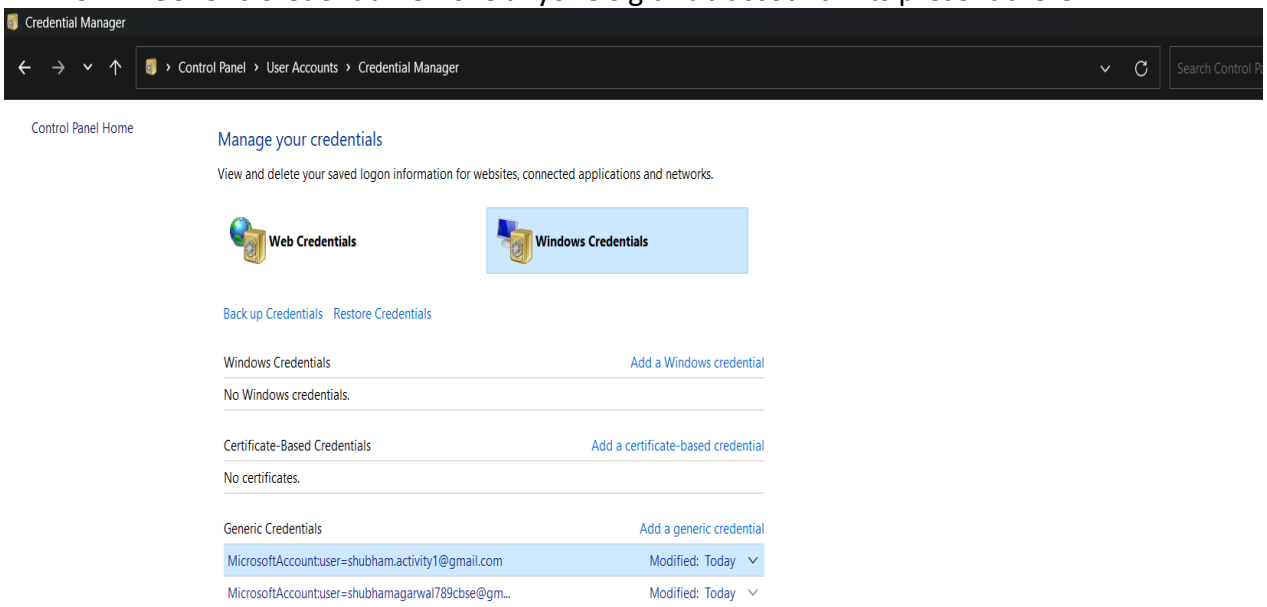
12. Now go to Control Panel and click on User's account.



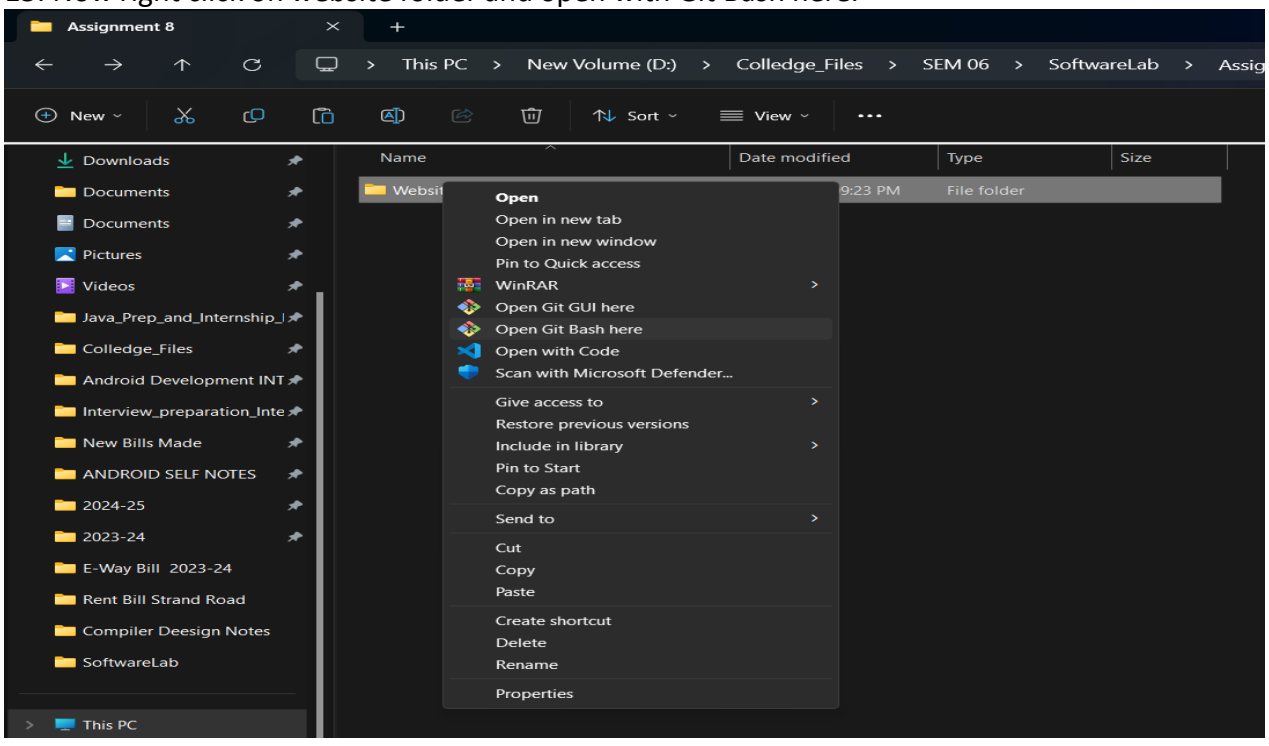
13. Then go to manage window credential.



14. Now in Generic Credential remove anyone's git hub account if its present there.



15. Now right click on website folder and open with Git Bash here.



16. Now write all following commands:

- git init ➔to start git
- dir➔to see what files being uploading
- git add . ➔to upload all files to github
- git status ➔to check committed or not
- git commit –m “Done” ➔Done printed and all added files shown
- git remote add origin https://github.com/Skyware2002/Task1.git ➔given address of repository of project.
- git push –u origin master ➔reading from remote repository

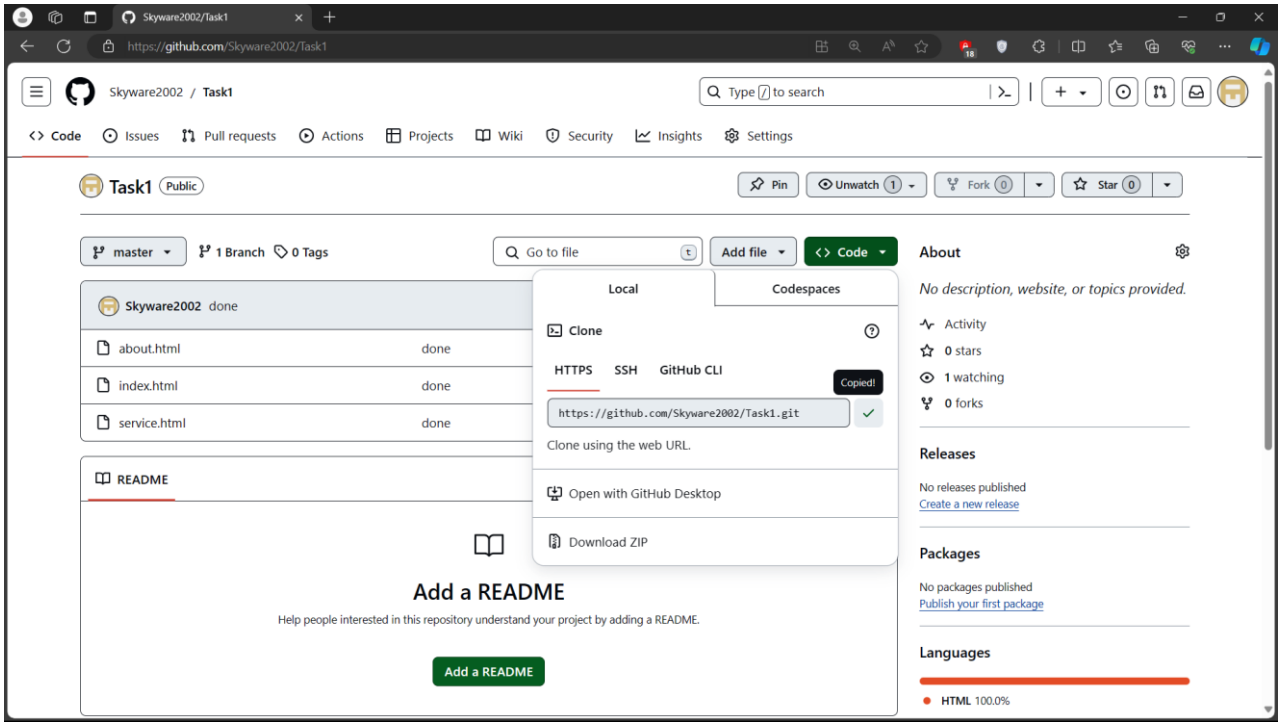
```
MINGW64:/d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website
shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website
$ git init
Initialized empty Git repository in D:/Colledge_Files/SEM 06/SoftwareLab/Assignm
ent 8/Website/.git/

shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website
(master)
$ dir
about.html  index.html  service.html

shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website
(master)
$ git add .

shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website
(master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   about.html
        new file:   index.html
        new file:   service.html


shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website
(master)
$ git commit -m "done"
[master (root-commit) e0d4b4a] done
 3 files changed, 30 insertions(+)
 create mode 100644 about.html
 create mode 100644 index.html
 create mode 100644 service.html

shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website
(master)
$ git remote add origin https://github.com/Skyware2002/Task1.git
```

17. After last command a new connect to github window opened. Go to token portion and paste there the copied path during token generation and pasted in text document.

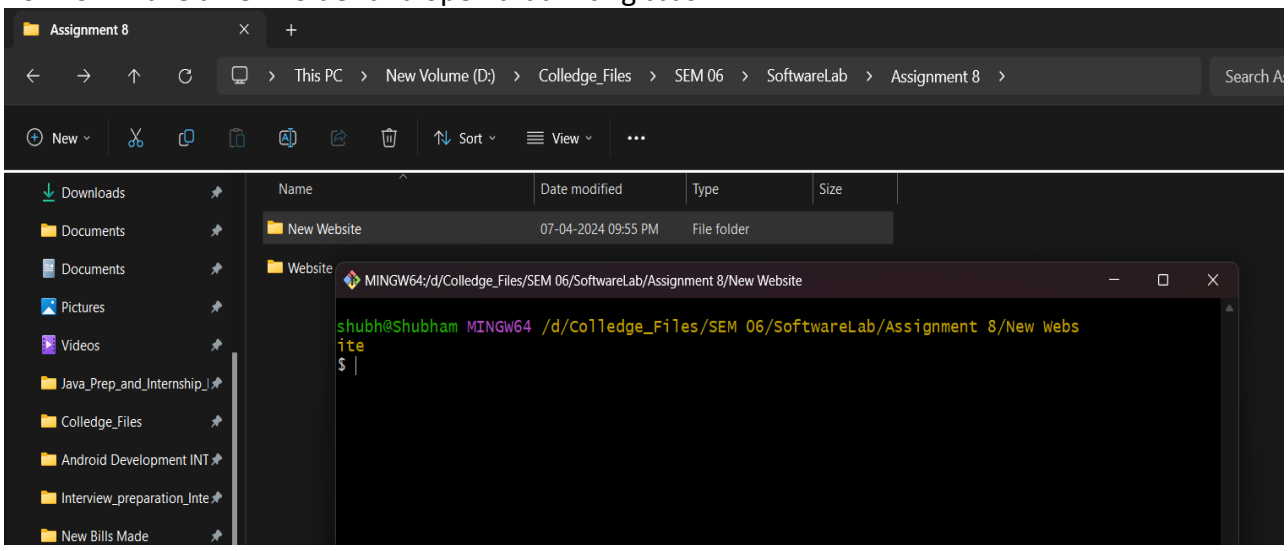
18. Now click on sign in.

```
shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website
(master)
$ git remote add origin https://github.com/Skyware2002/Task1.git

shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website
(master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 613 bytes | 613.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Skyware2002/Task1.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/Website (master)
$
```

19. Now go back to github and enter into task repository , there you can see all files have been uploaded.
    Now click on code and copy clone HTTPs.



20. Now make a new folder and open that with gitbash.

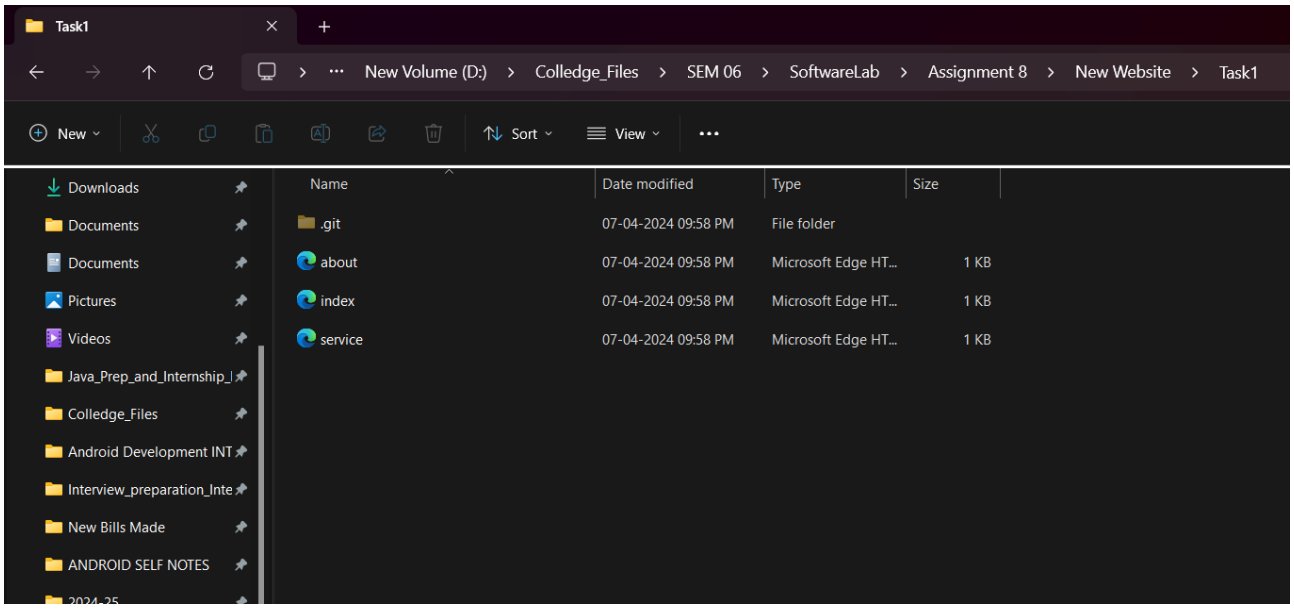


21. Now write all following commands:

- git init ➔for starting git.
- git clone ➔For cloning

```
MINGW64:/d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/New Website

shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/New Webs
ite
$ git init
Initialized empty Git repository in D:/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/New Websi
te/.git/

shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/New Website (master)
$ git clone https://github.com/Skyware2002/Task1.git
Cloning into 'Task1'...
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 5 (delta 0), reused 5 (delta 0), pack-reused 0
Receiving objects: 100% (5/5), done.

shubh@Shubham MINGW64 /d/Colledge_Files/SEM 06/SoftwareLab/Assignment 8/New Website (master)
$
```

22. Now you can see that repository copied into new made folder web2.There we can find all files.



- In this way we have deployed a project from local machine to github and vice versa.