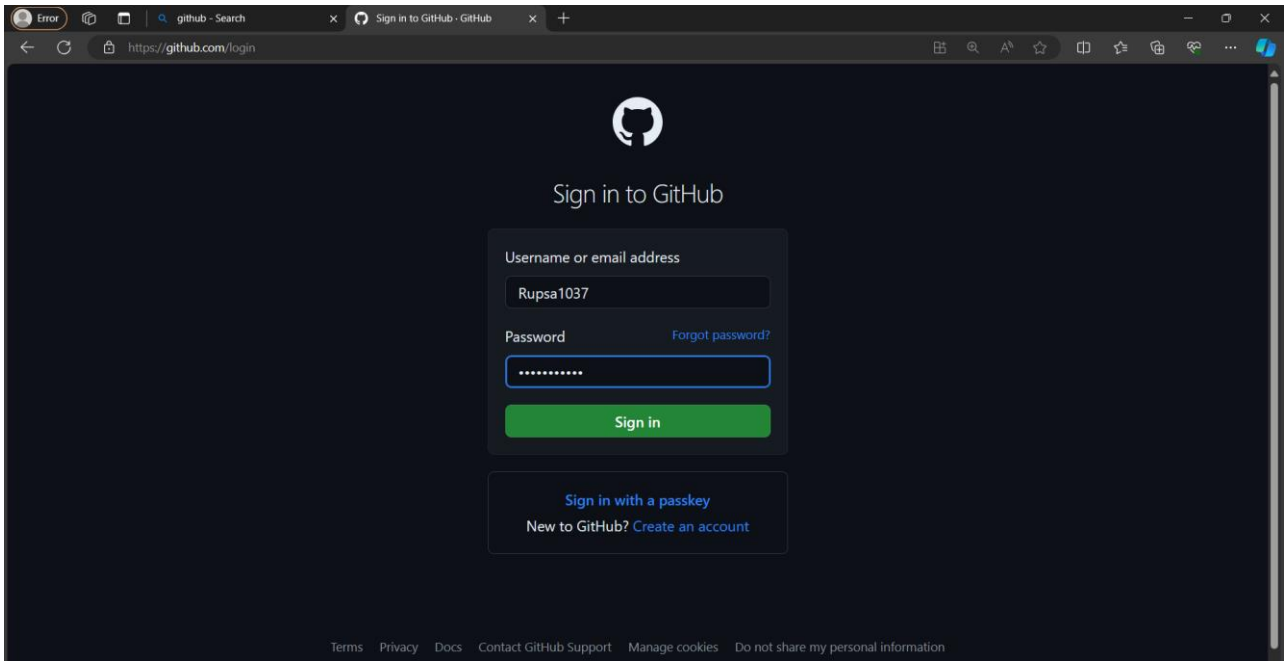
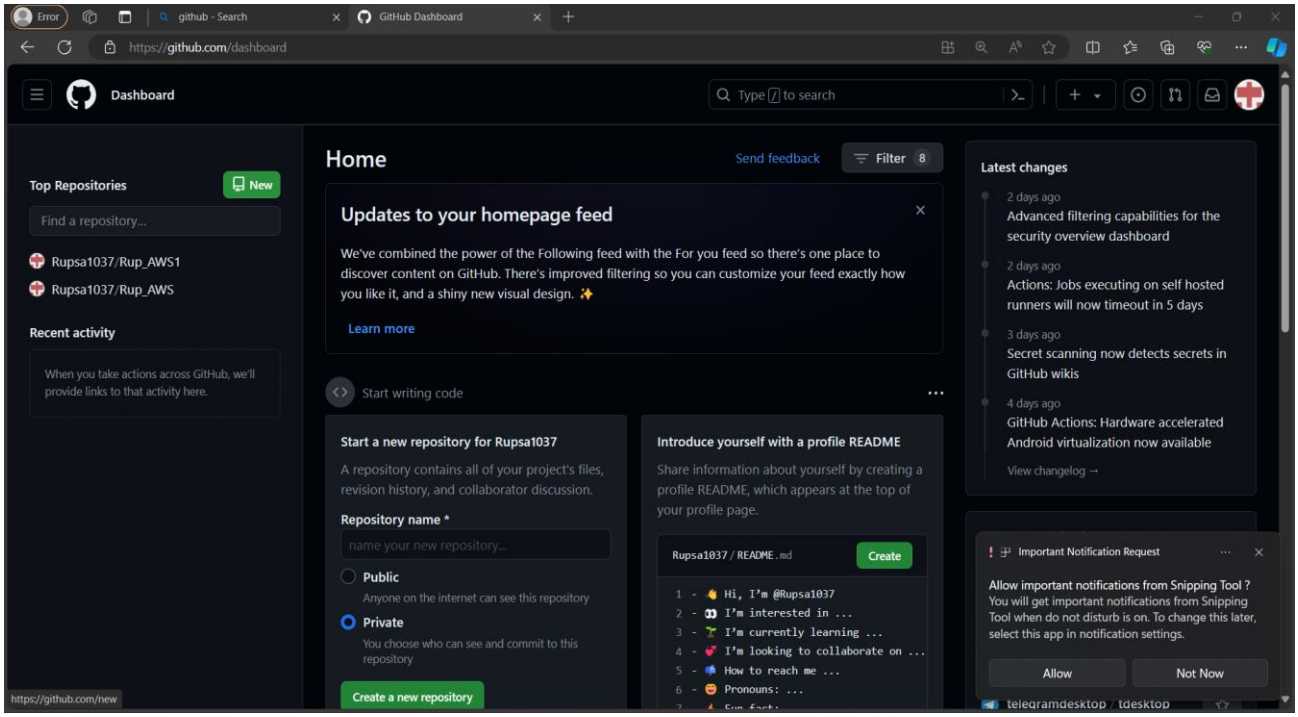
PROBLEM STATEMENT :

8) Deploy a project from a local machine to GitHub and vice versa.

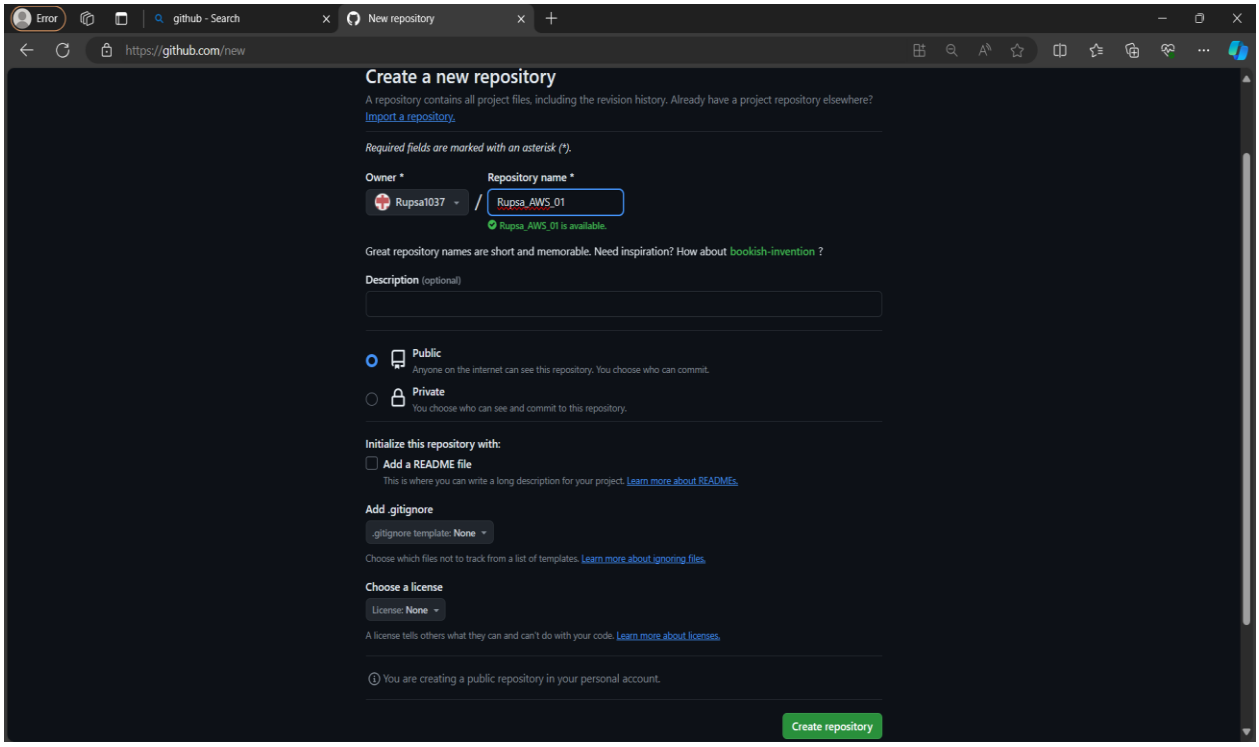
1. Search for GitHub and sign in with your Username or email address and password.



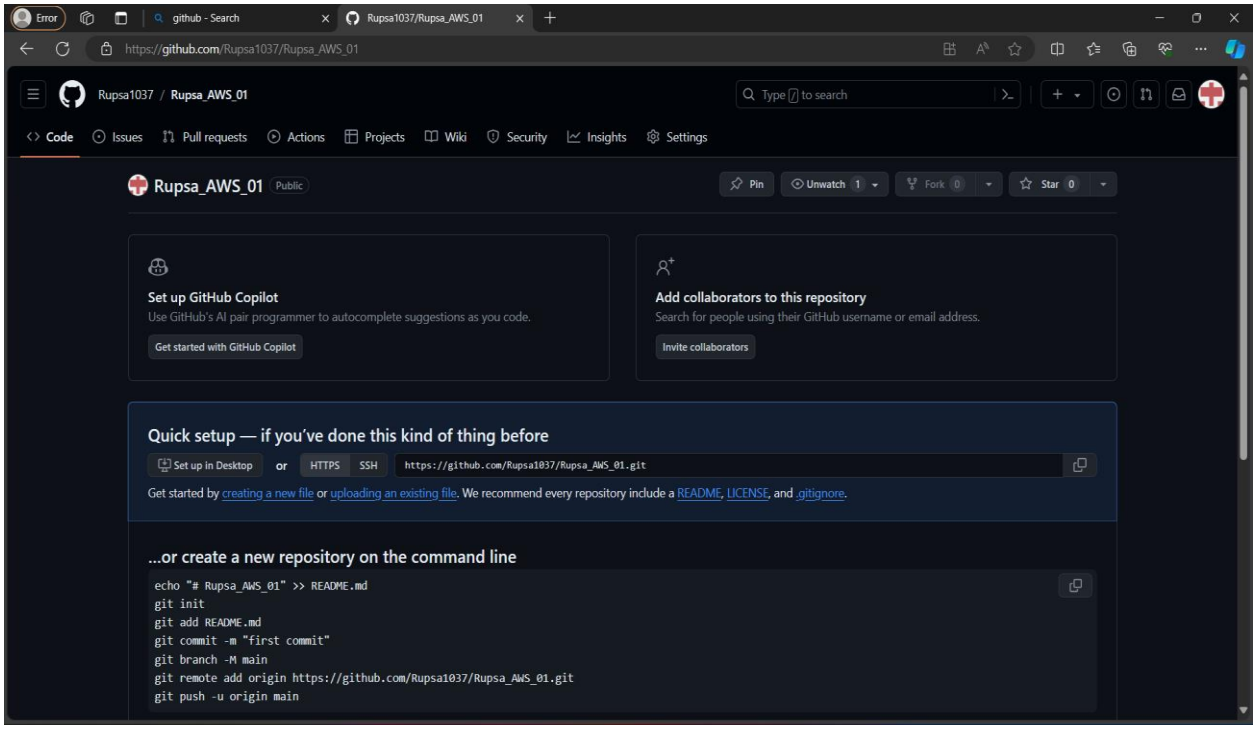
2. Now click on “New”.



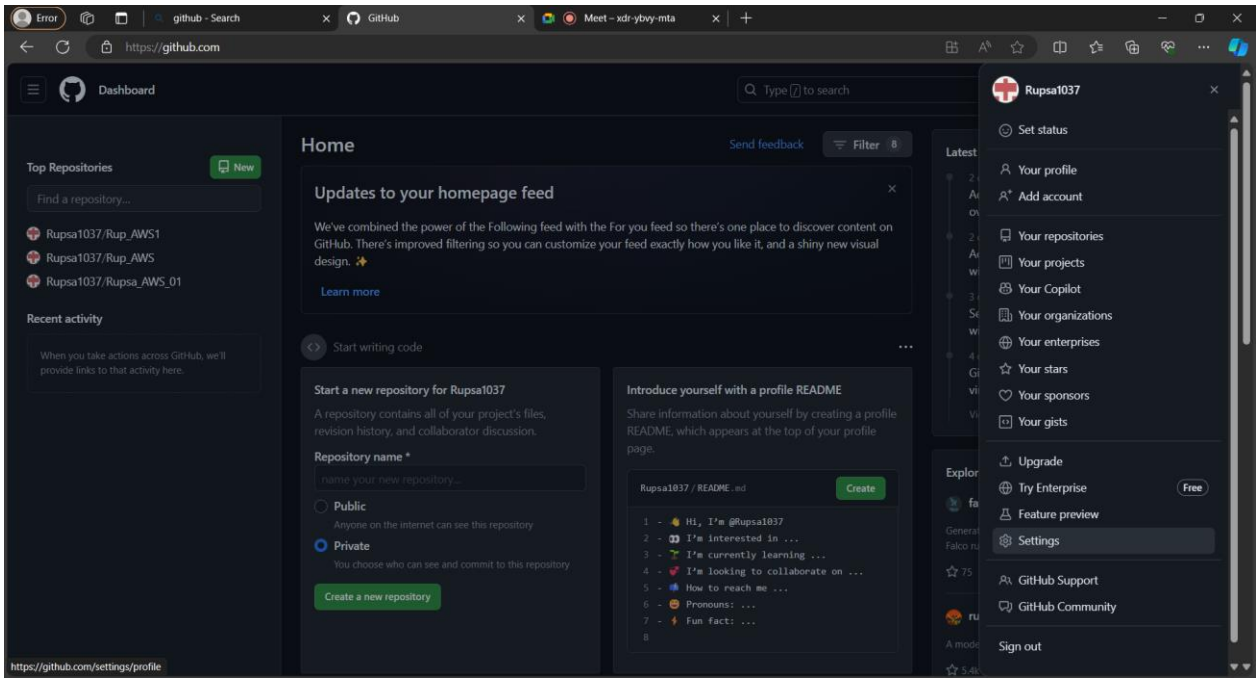
3. Under “Create a new repository”, write the “Repository name” and click on “Public” then click on “Create repository”.



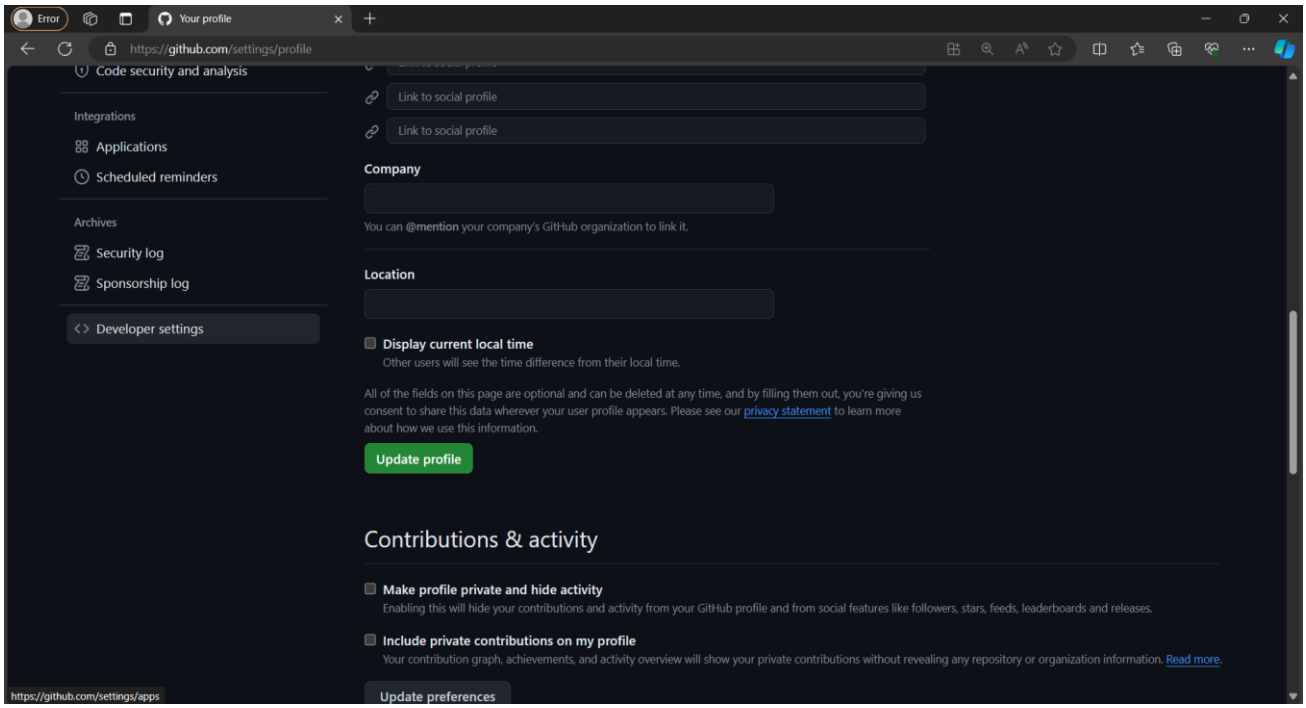
4. “Rupsa_AWS_01” is successfully created.



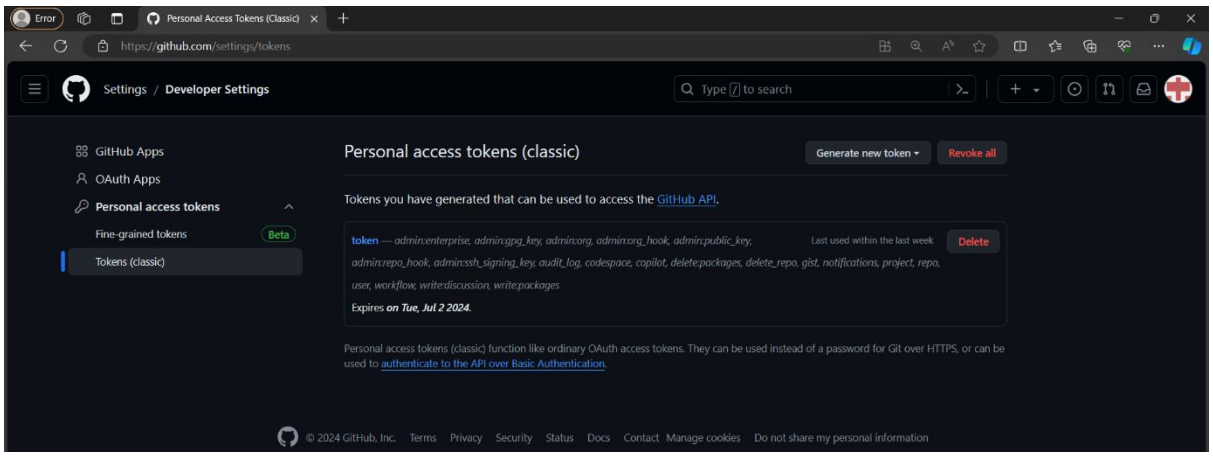
5. Go back to “Home” and click on “Settings”



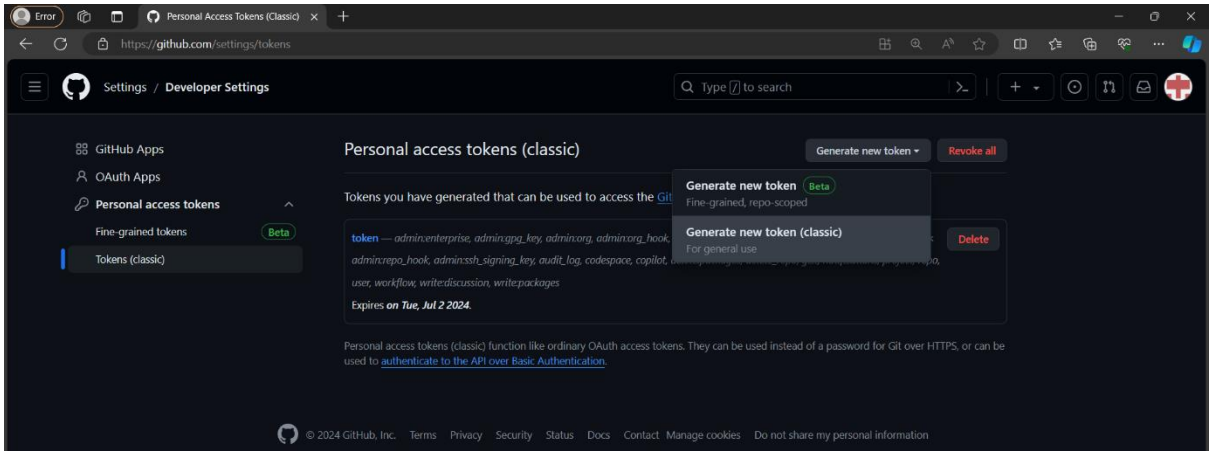
6. Under “Settings”, select “Developer settings”.



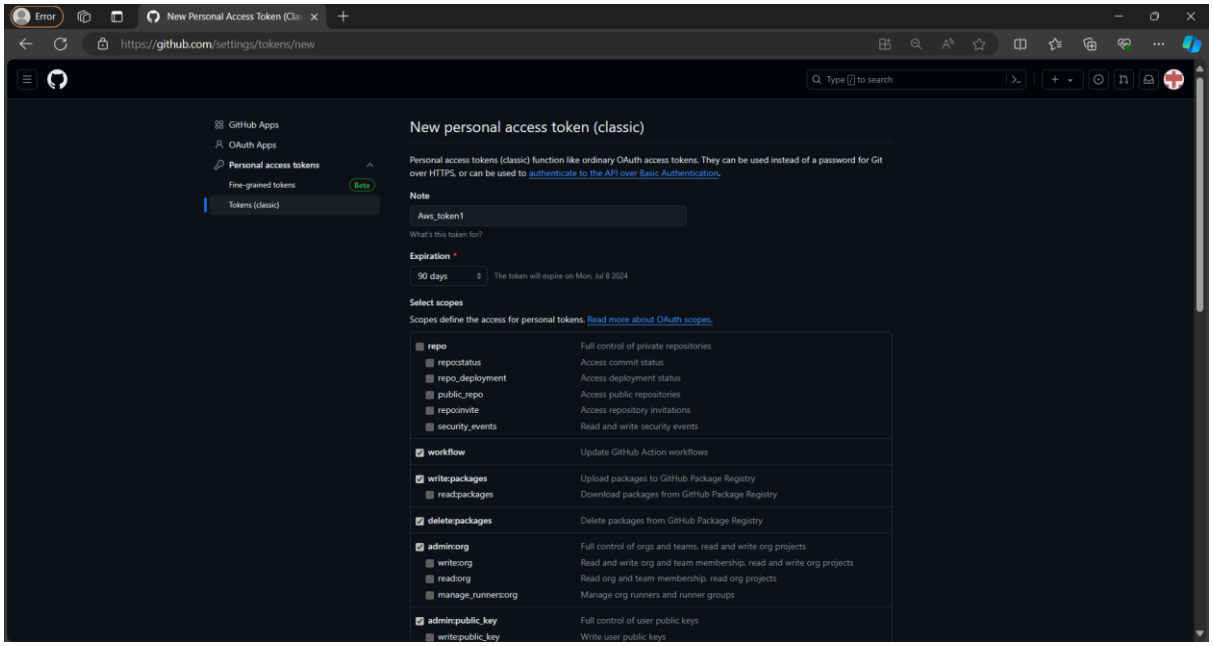
7. After clicking on “Developer settings”, under “Personal access tokens” click on “Tokens(classic)”.

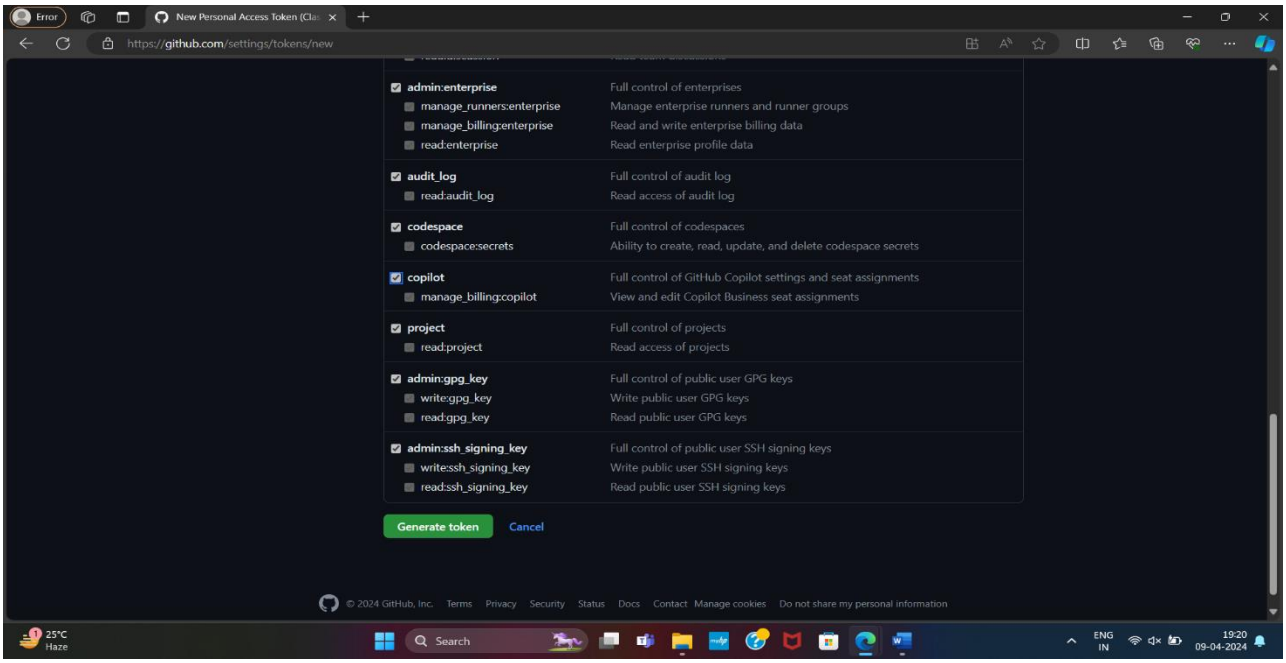


8. Go to “Generate new token”, click on “Generate new token(classic)”.

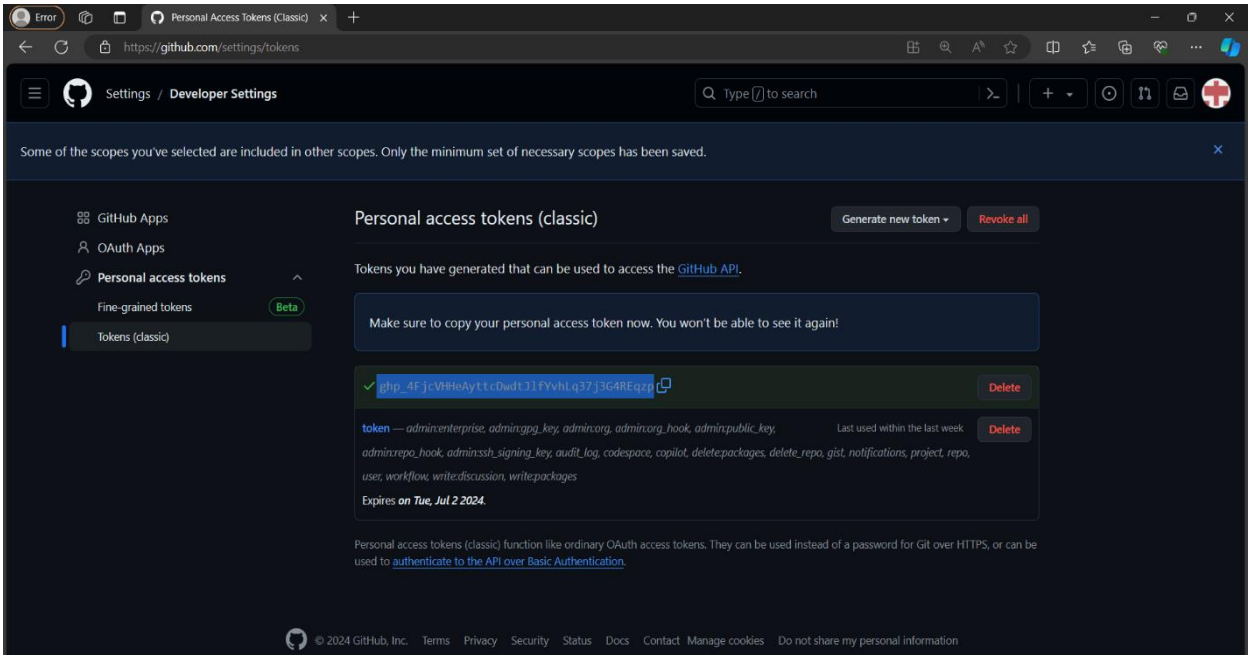


9. Under “New personal access token(classic)”,give the token name ,set the expiration to 90 days and click on all the checkboxes. Then click “Generate token”.

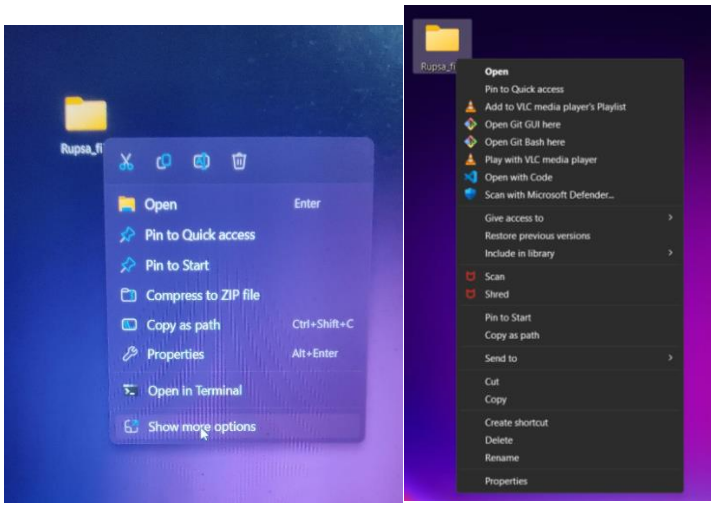




10. Token is generated successfully. Copy the token in notepad.



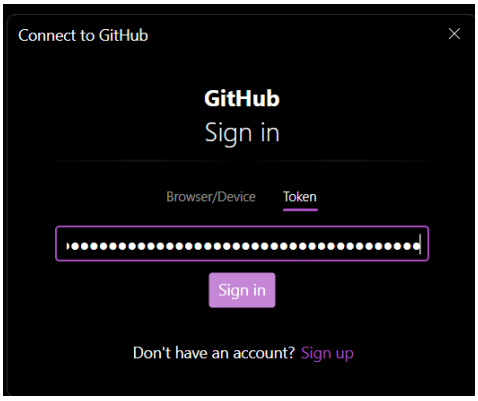
11. Now create a new folder in your desktop then right click on it and go to “Show more options” then select “Git Bash Here”.



12. Type the following codes:

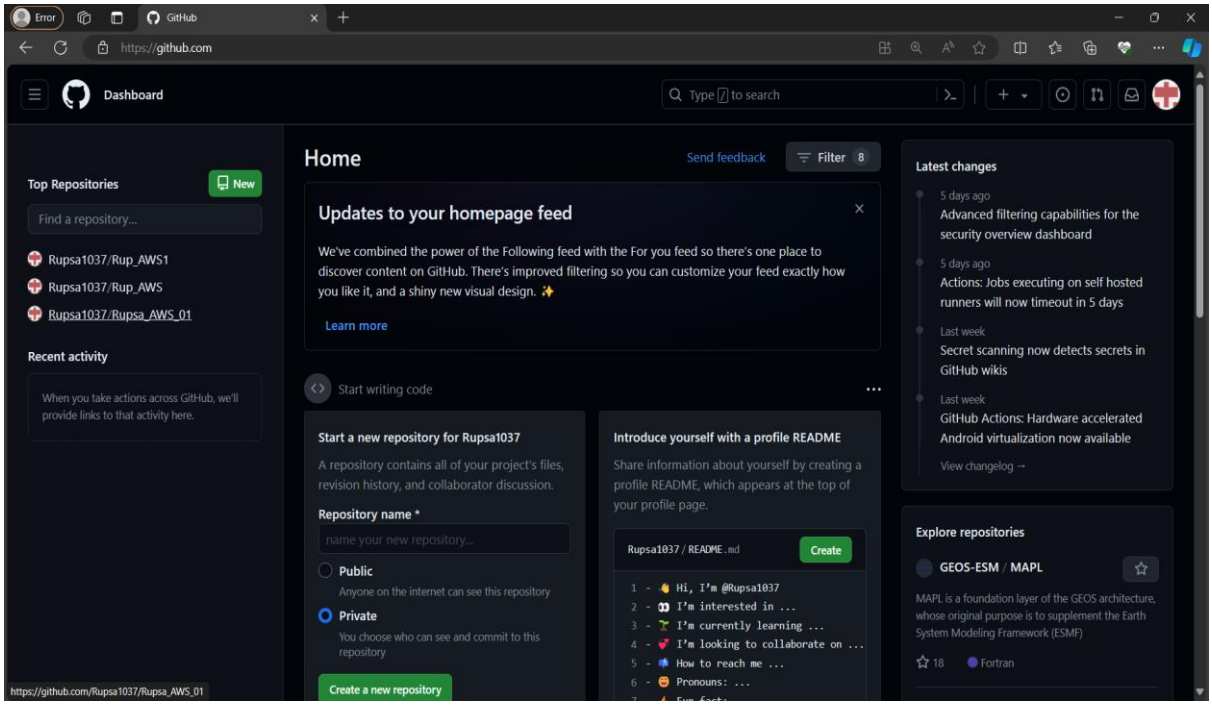
```
MINGW64:/c/Users/91863/Desktop/Rupsa_file

91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$ git init
Reinitialized existing Git repository in C:/Users/91863/Desktop/Rupsa_file/.git/

91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$ git add .

91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (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:   home.html
        new file:   index.html


91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$ git config --global user.email

91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$ git config --global user.email "rupsanandy78@gmail.com"

91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$ git config --global user.name

91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$ git commit -m "done"
[master (root-commit) 6121503] done
 3 files changed, 43 insertions(+)
 create mode 100644 about.html
 create mode 100644 home.html
 create mode 100644 index.html

91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$ git remote add origin https://github.com/Rupsa1037/Rupsa_AWS_01.git

91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$ git push -u origin master
```

After this command one window appears , go to “Token” then enter the token and click on “Sign in”.

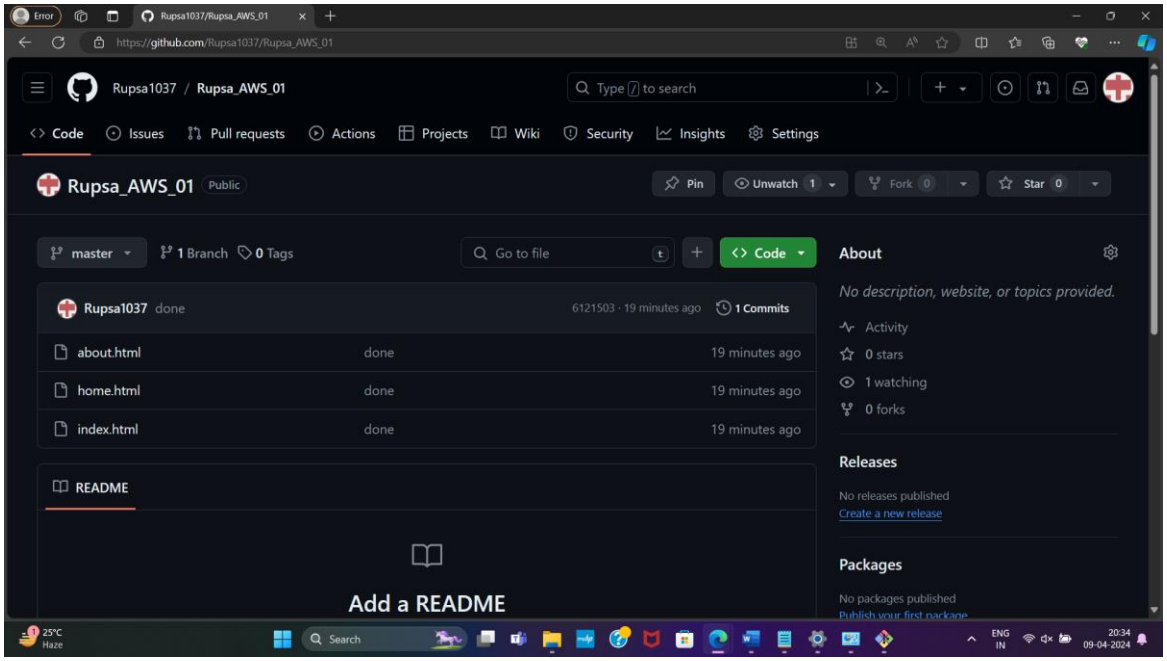



```
91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 684 bytes | 684.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/Rupsa1037/Rupsa_AWS_01.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

91863@LAPTOP-UDUPV2HP MINGW64 ~/Desktop/Rupsa_file (master)
$
```

13. Now go back to GitHub and click on “Rupsa1037/_Rupsa_AWS_01”.

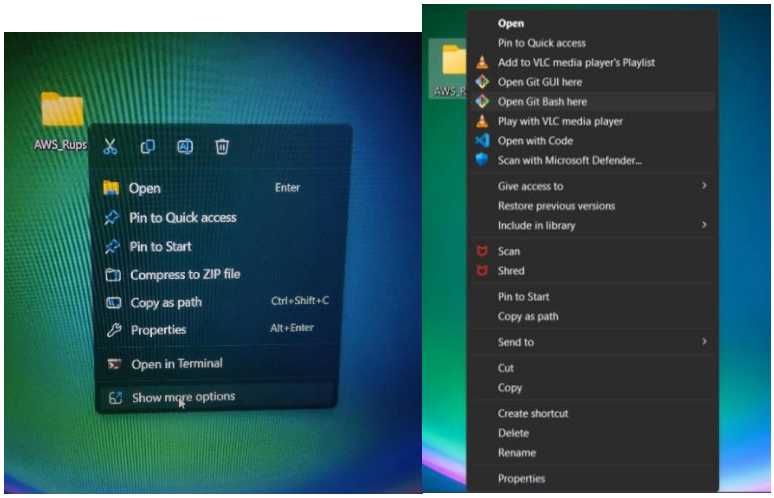


Here we can see that all the files are uploaded here.

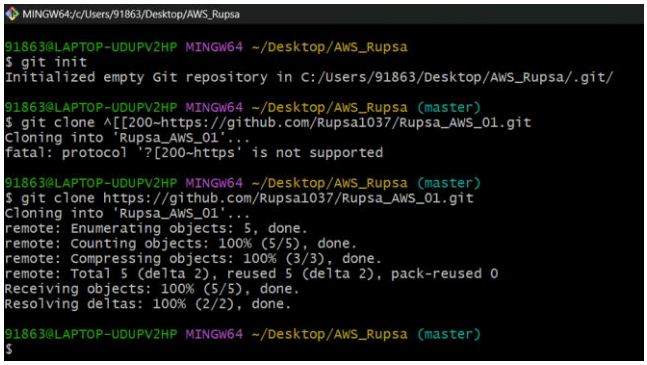


For deploying the project from GitHub to local machine, the steps are as follows:-

1. We have to create a new folder on our desktop and then right-click on the folder then go to “Select more options” and select "Open with Git Bash".



2. In the terminal we have to enter the following commands:



3. The files have been successfully cloned. Hence, the deployment of the project from GitHub to the local machine has been completed.