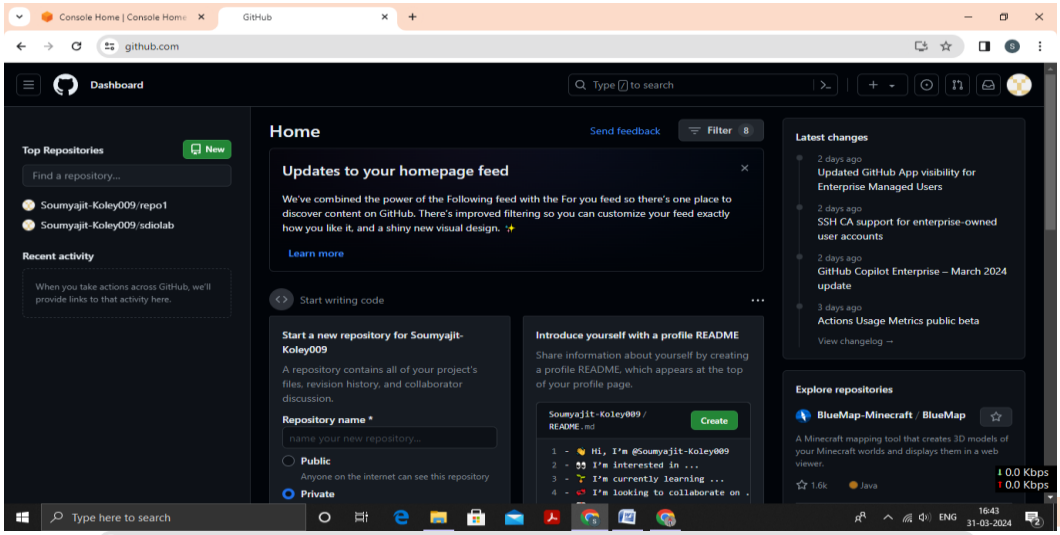
Assignment :- 8

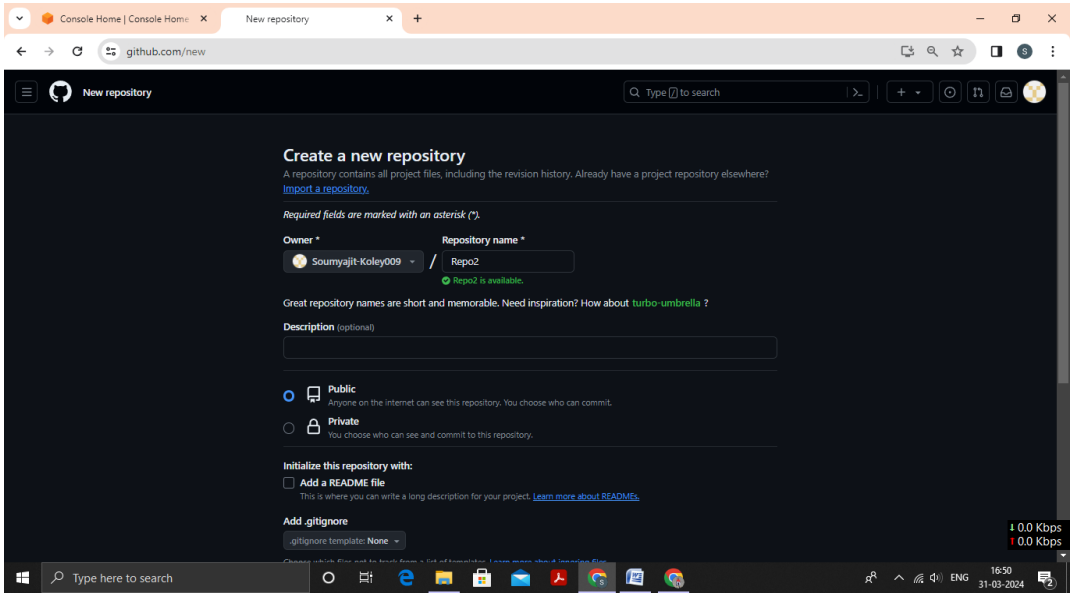
Statement : Deploy a project from a local machine to GitHub and vice versa.

Steps:

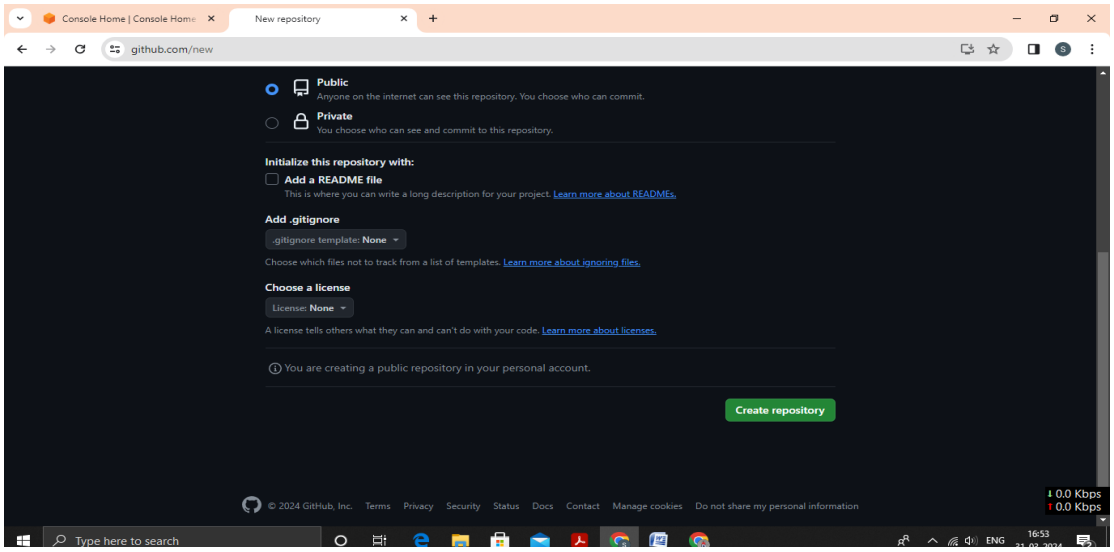
1. At first open the github, login or create account. Then create a new repository by clicking New.



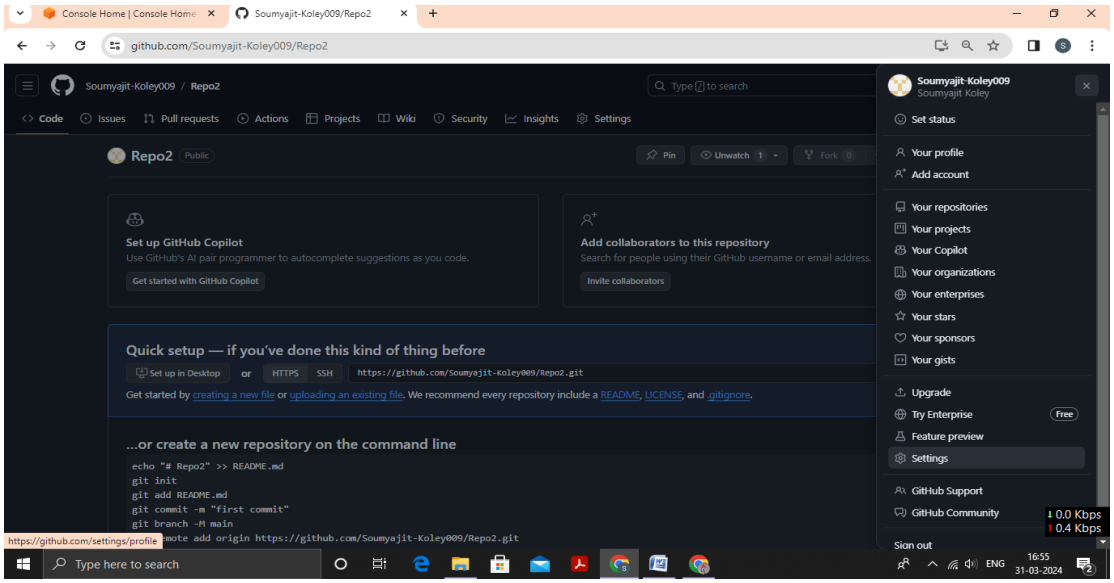
2. Now give repository name and make it public.



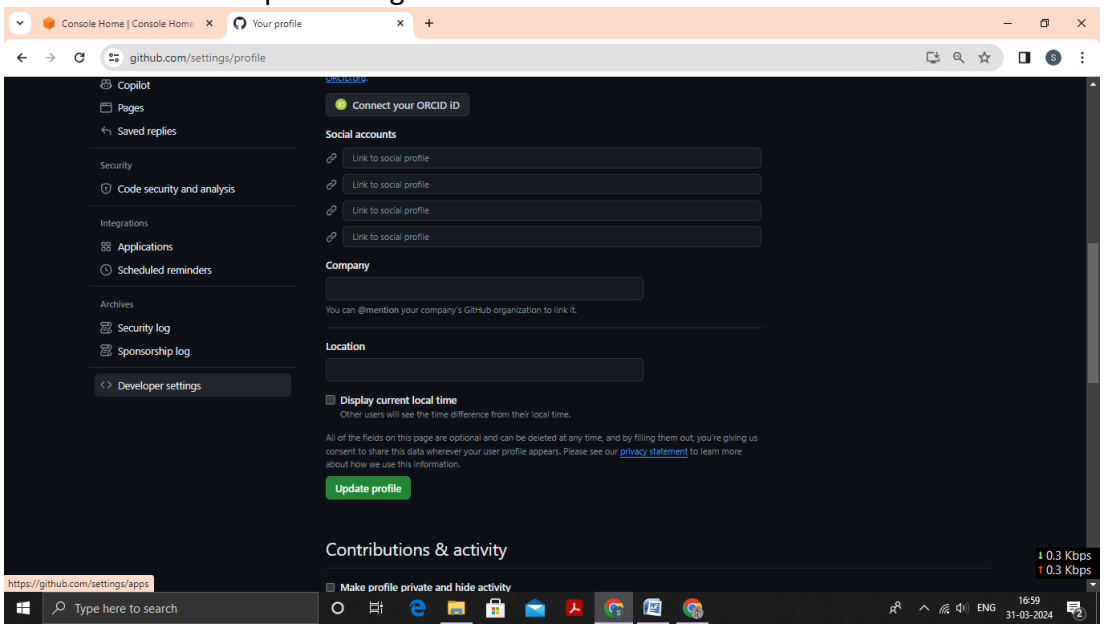
3. Then click on Create repository.



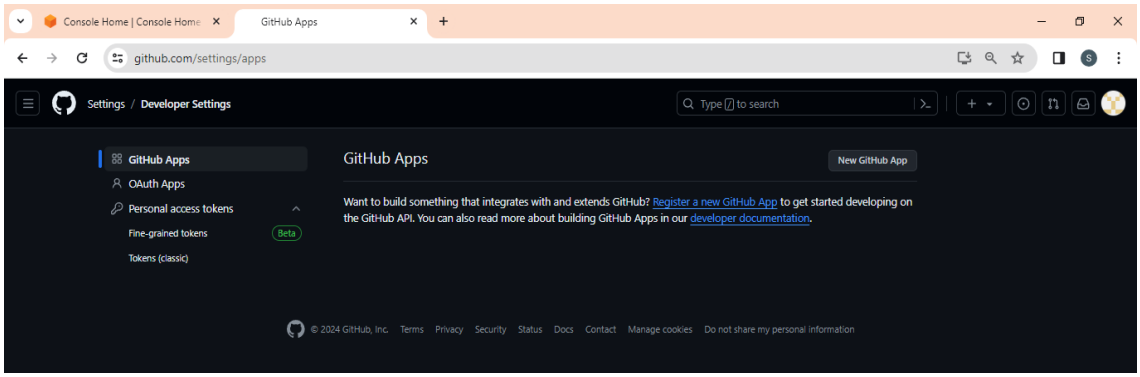
4. After successfully creating the repository Now click on account section from top right corner and then go to Settings.



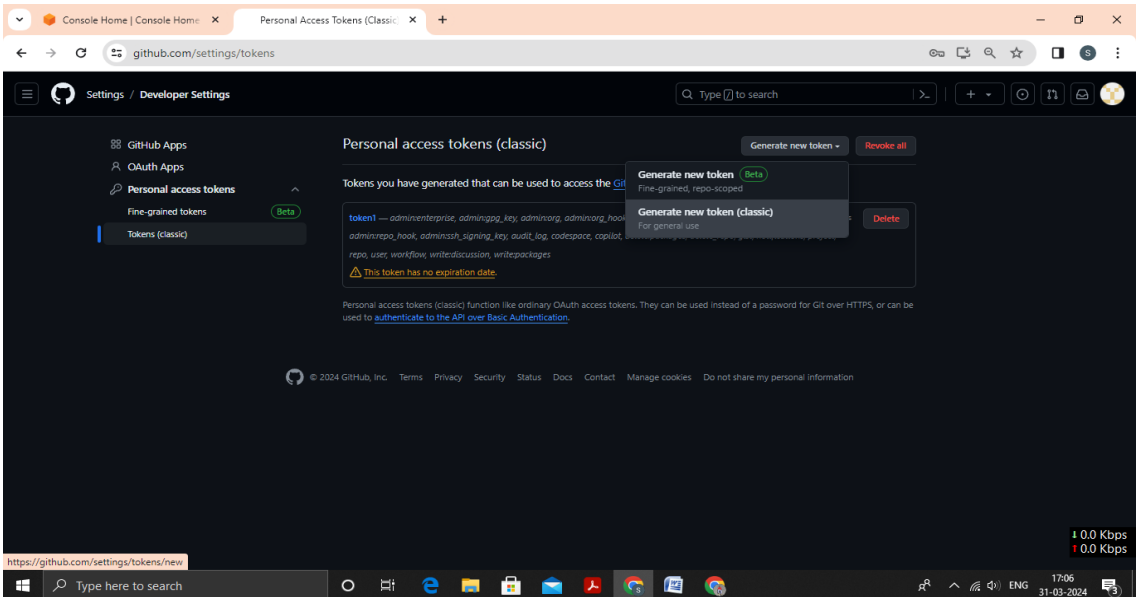
5. Now click on Developer settings.



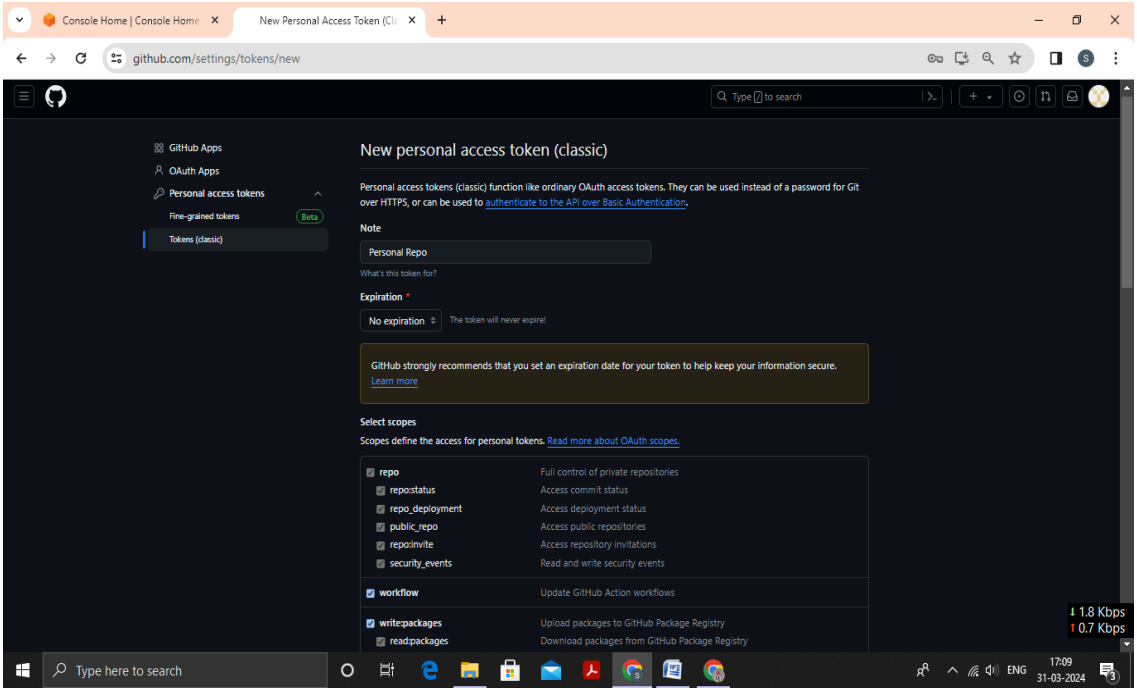
6. Now click on Personal access tokens dropdown and then click on Tokens(classic).



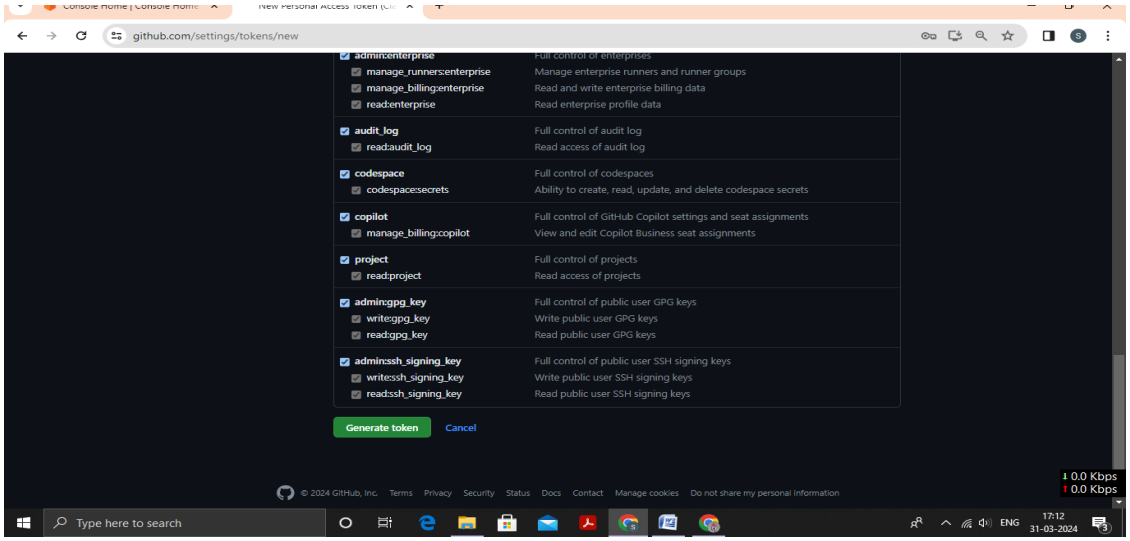
7. Now click on Generate new tokens, dropdown and then Generate new token(classic).



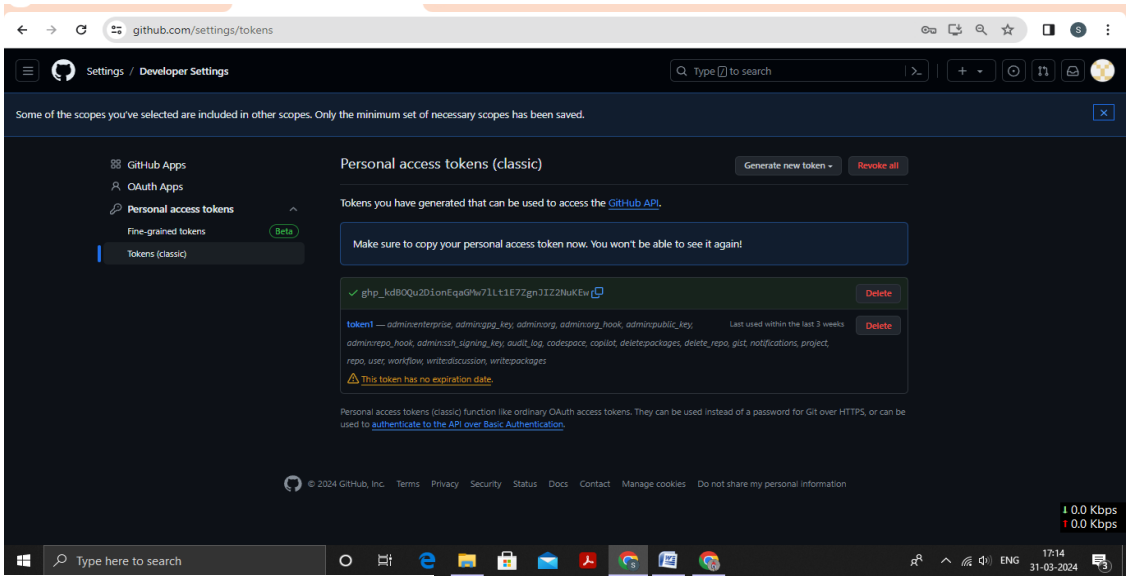
8. Now give one suitable note and in expiration select No expiration.



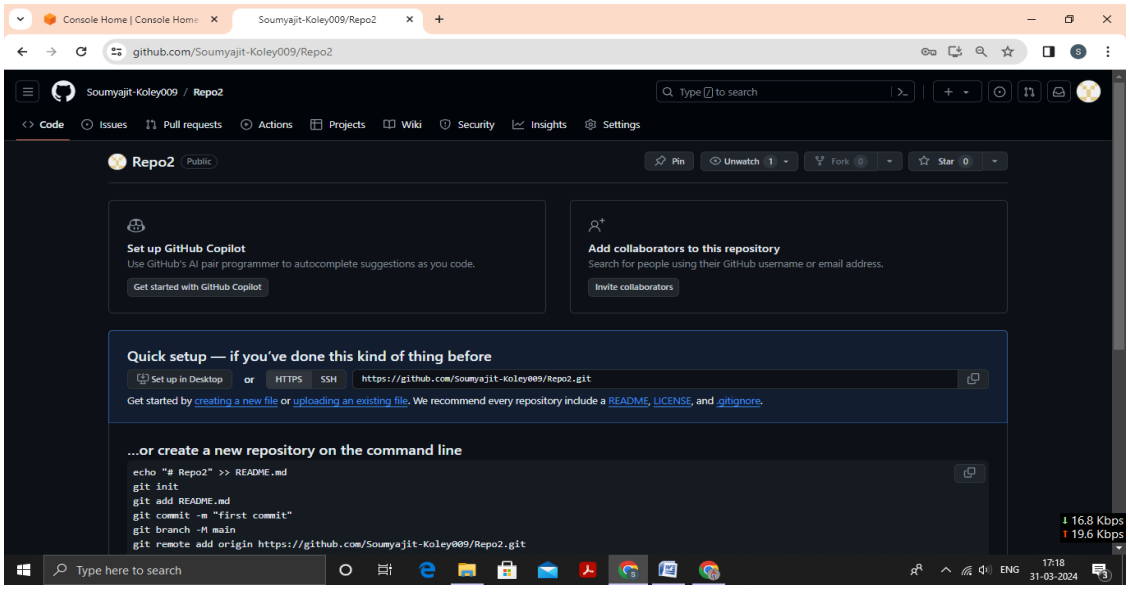
9. After that in Select scopes select all outer regions and click Generate token.



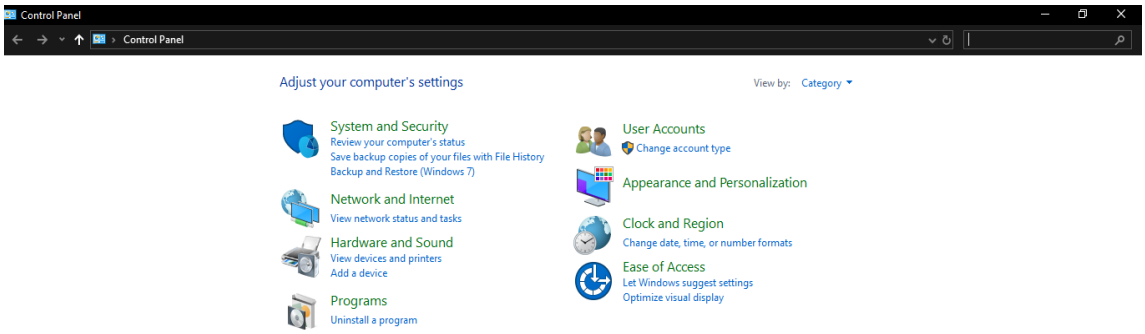
10. After generating token click on copy option for copying path and save it in text document.



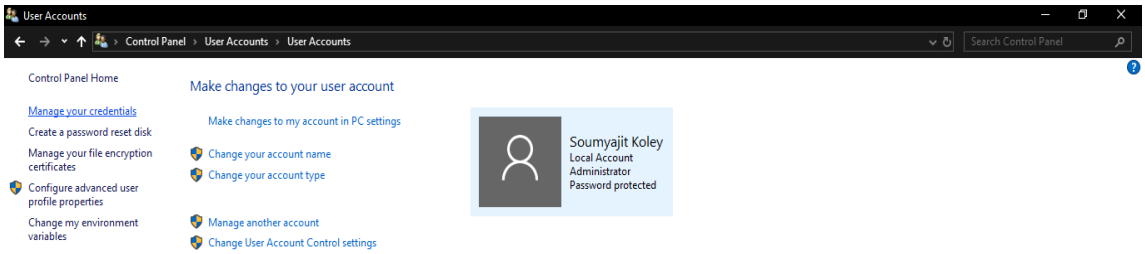
11. Now go back to repository.



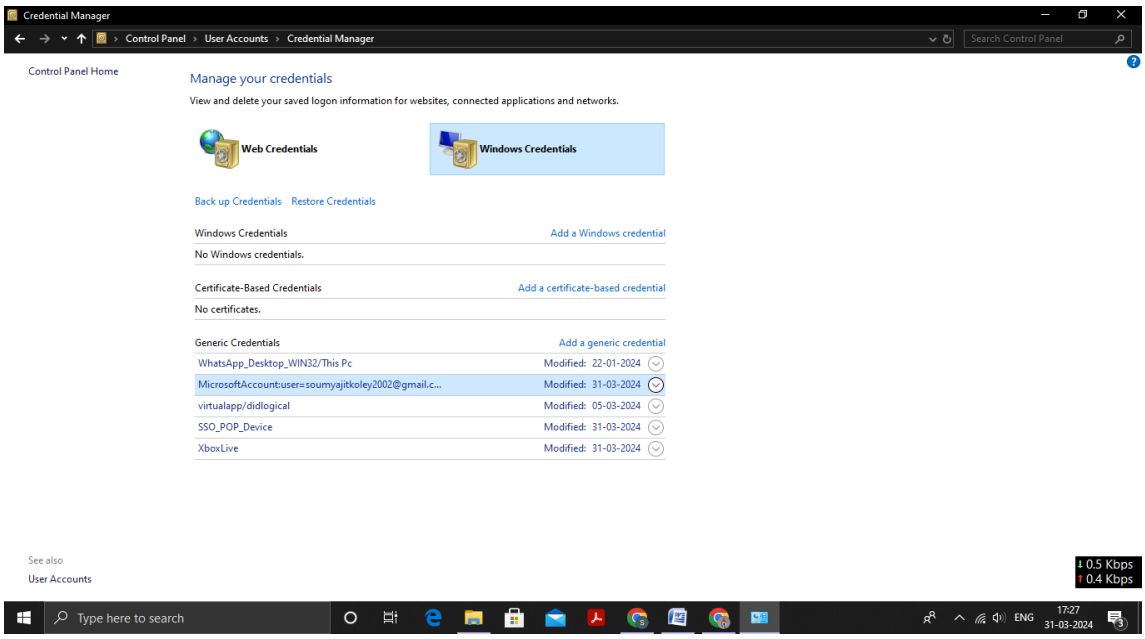
12. Now go to system's Control Panel and click on User account.



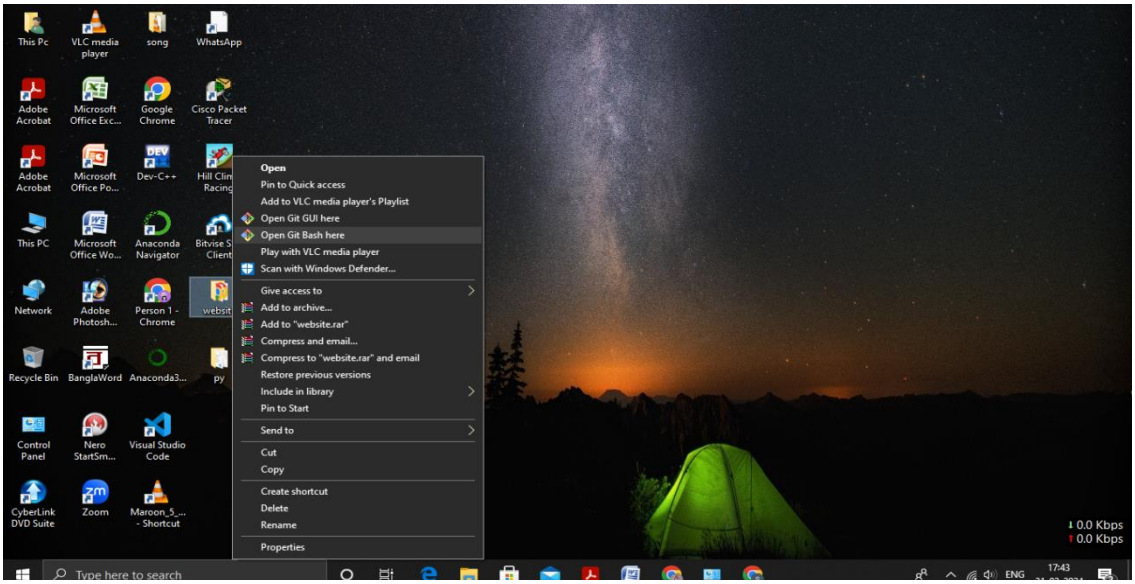
13. Then go to Manage your credentials.



14. After clicking on Windows Credentials now in Generic Credential remove if any github account is present.

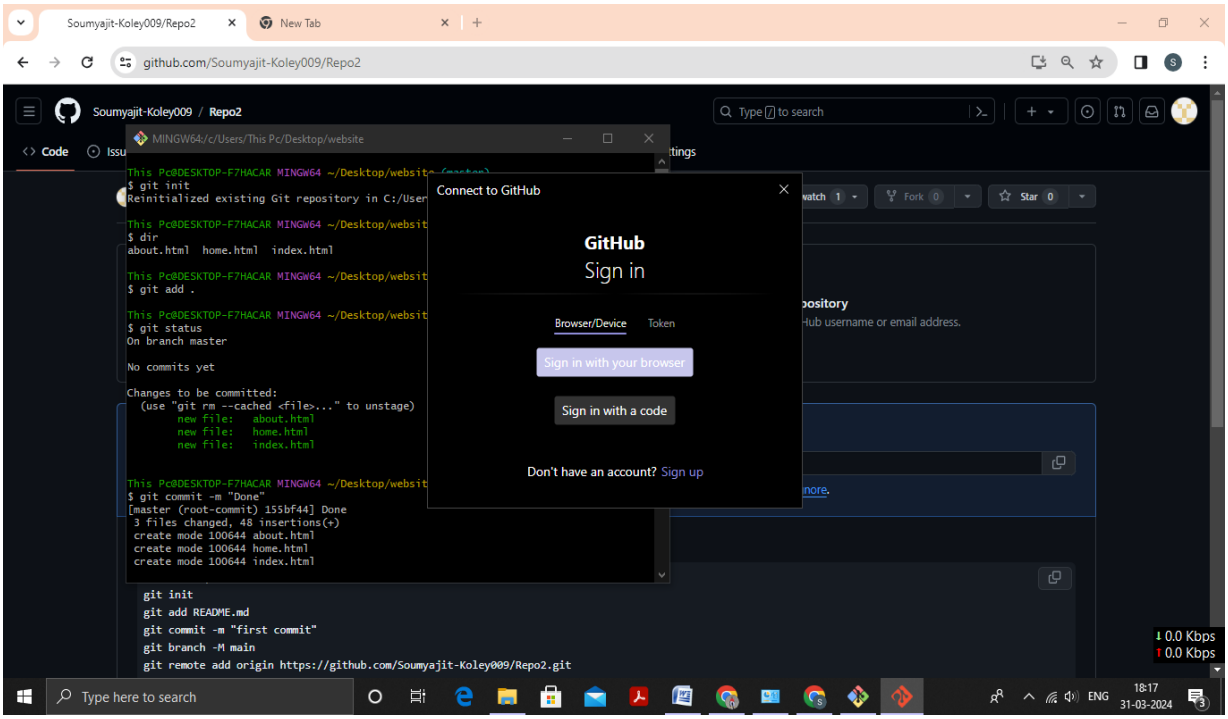


15. Now right click on website folder and open with gitbash here.



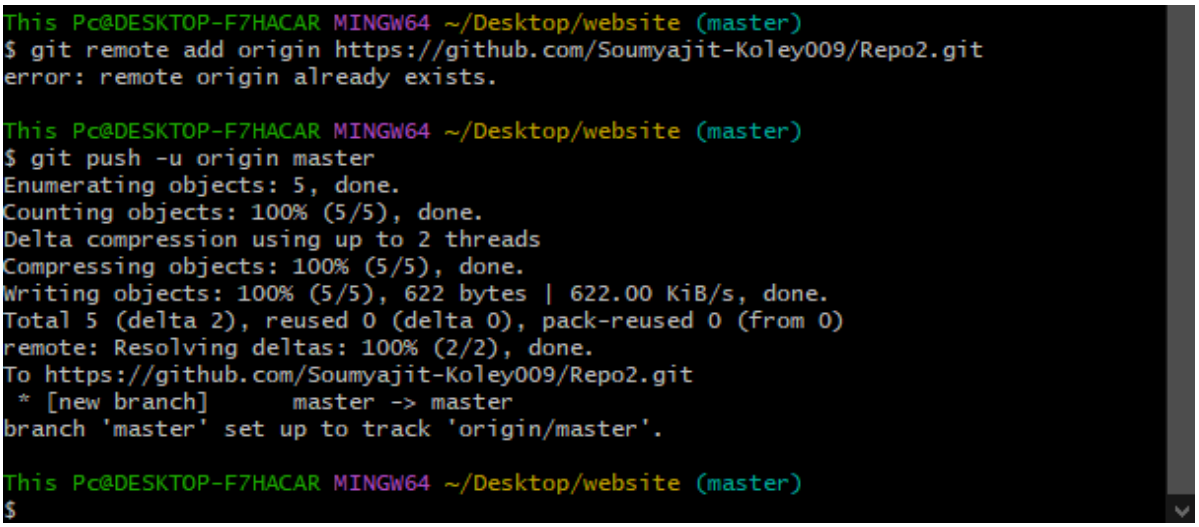
16. Now write all following commands:

- 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/Soumyajit-Koley009/Repo2.git` -> given address of repository of project.
- git push –u origin master -> reading from remote repository

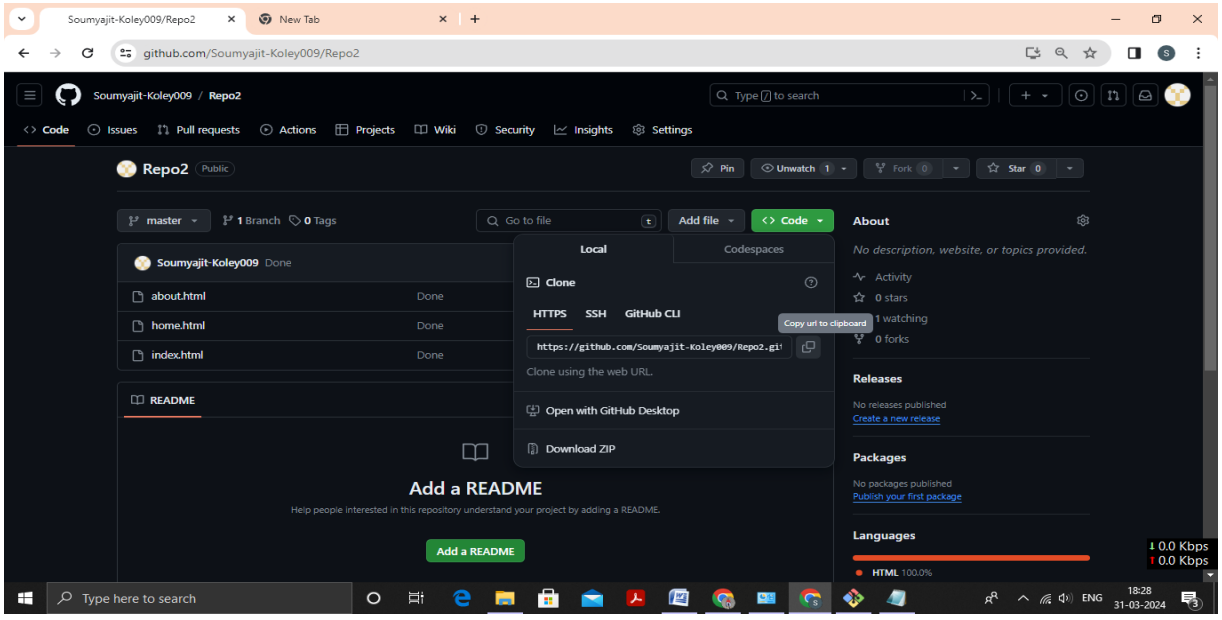


17. After last command a new connect to github window opened. Go to token portion and paste there the copied path during token generation and pasted in text document (Notepad).

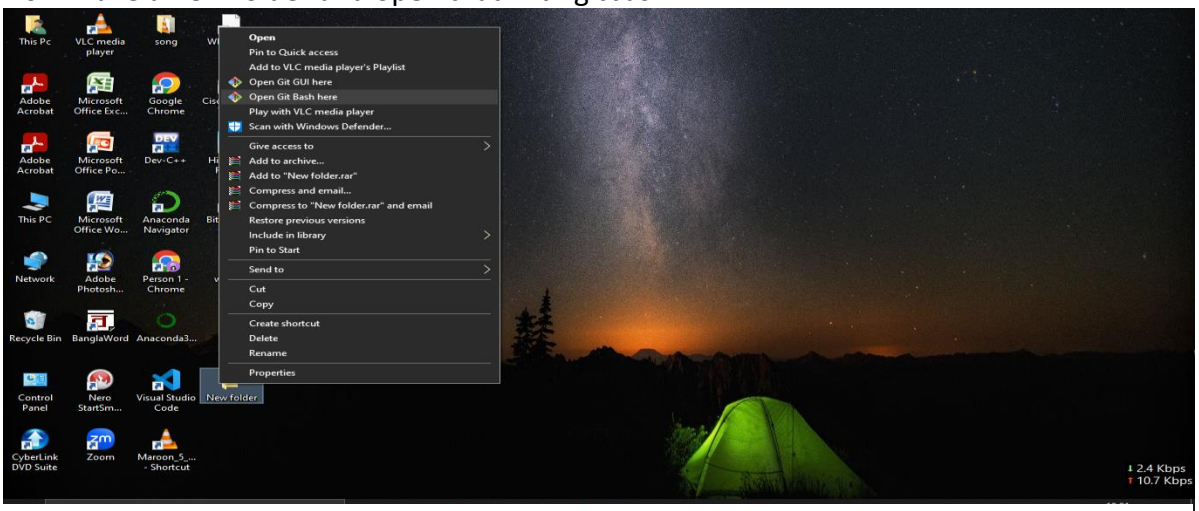
18. Now click on sign in. We can see it is successful.



19. Now go back to github and enter into the repository , there we can see all files have been uploaded. Now click on “Code” and copy clone HTTPs.

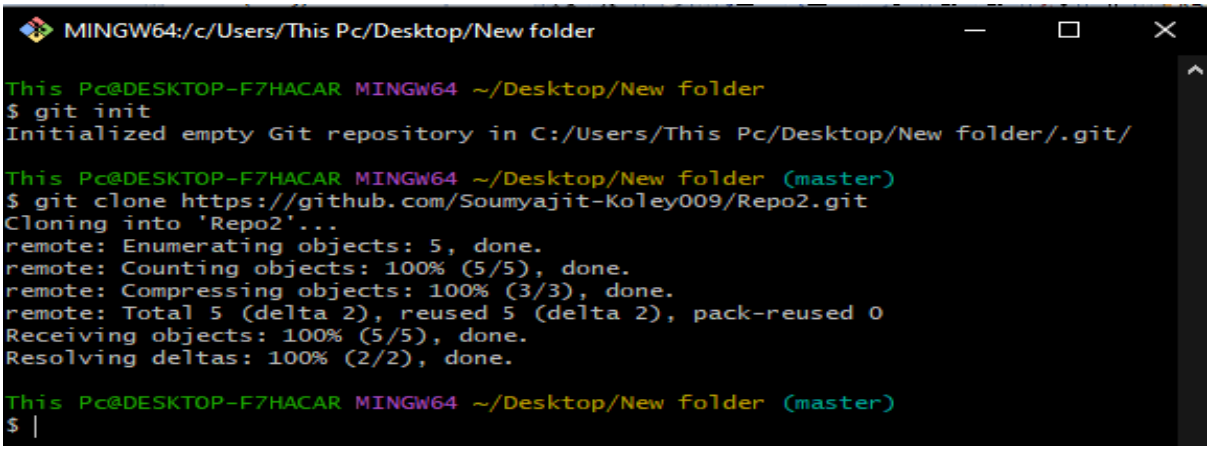


20. Now make a new folder and open that with gitbash.

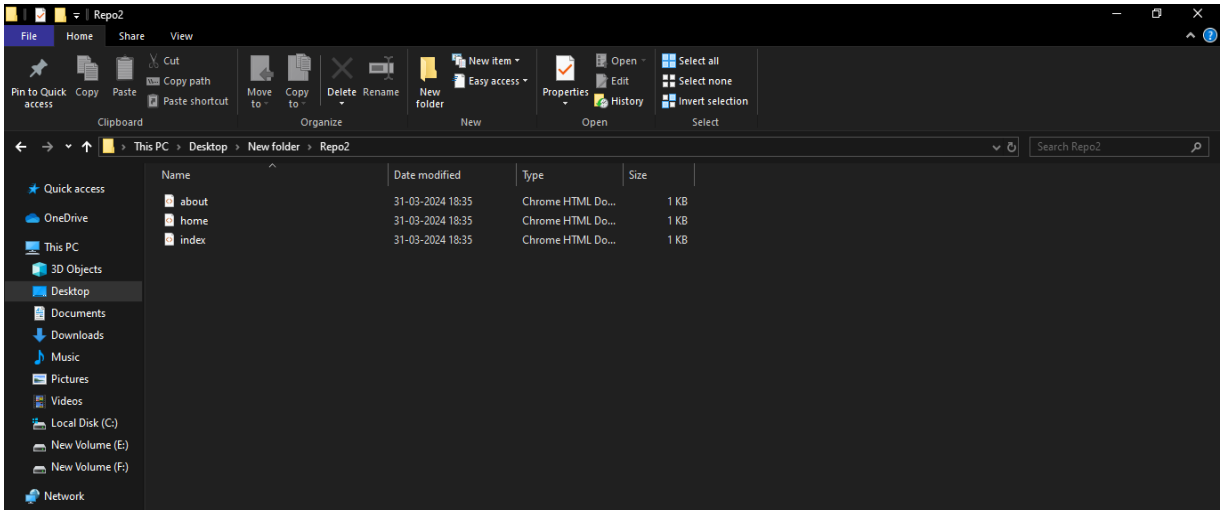


21. Now write all following commands:

- git init -> for starting git.
- git clone https://github.com/Soumyajit-Koley009/Repo2.git-> For cloning.



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



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