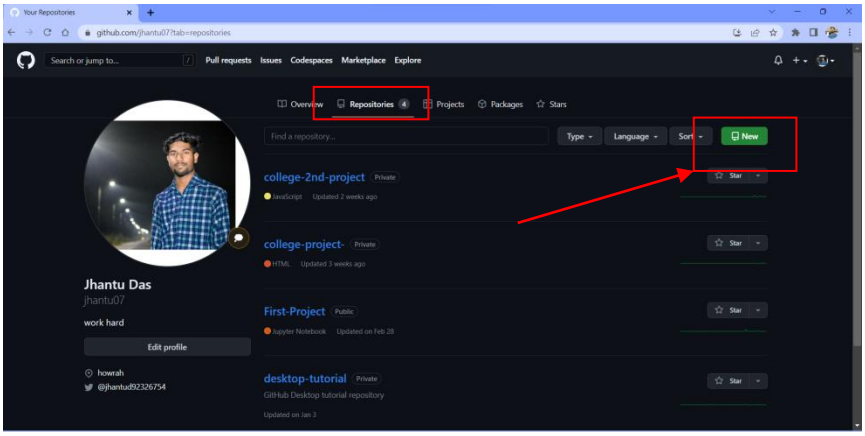
Assignment 8

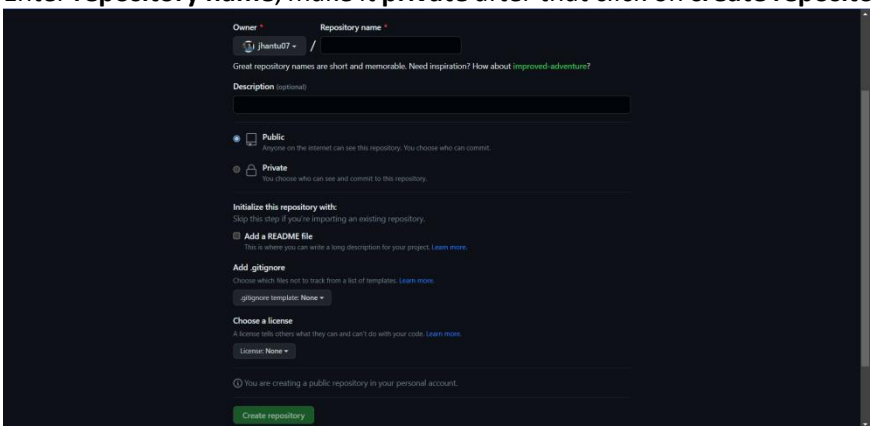
Deploy a project through Git.

Steps for deploying project through git:

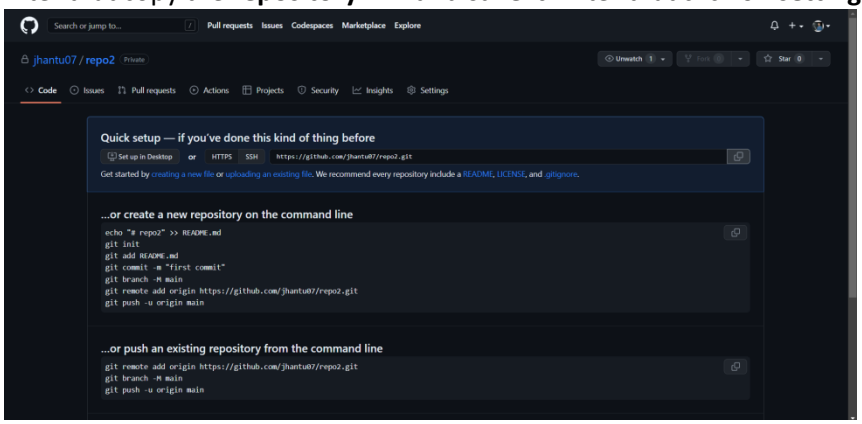
1. **Sign in.** Sign in to your GitHub account if have or just create one.
2. Go to **repository** and click on **new**.



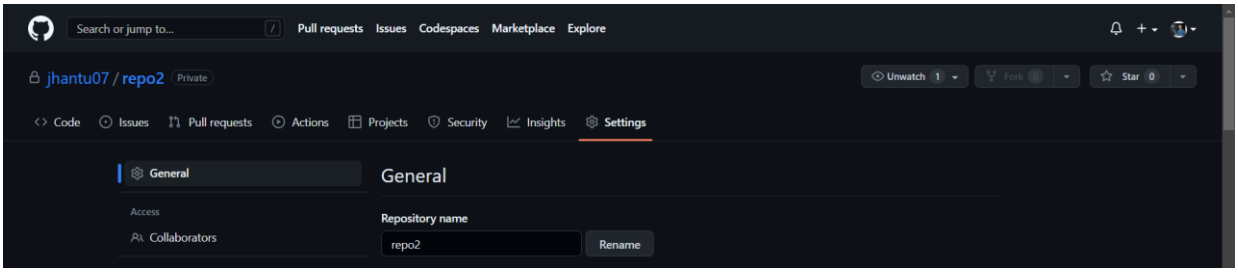
3. Enter **repository name**, make it **private** after that click on **create repository**.



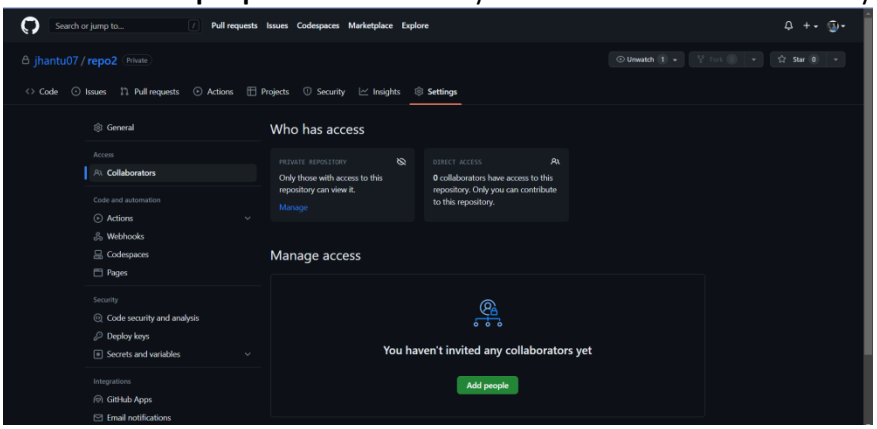
4. After that copy the **repository link and save it**. After that click on **settings**.



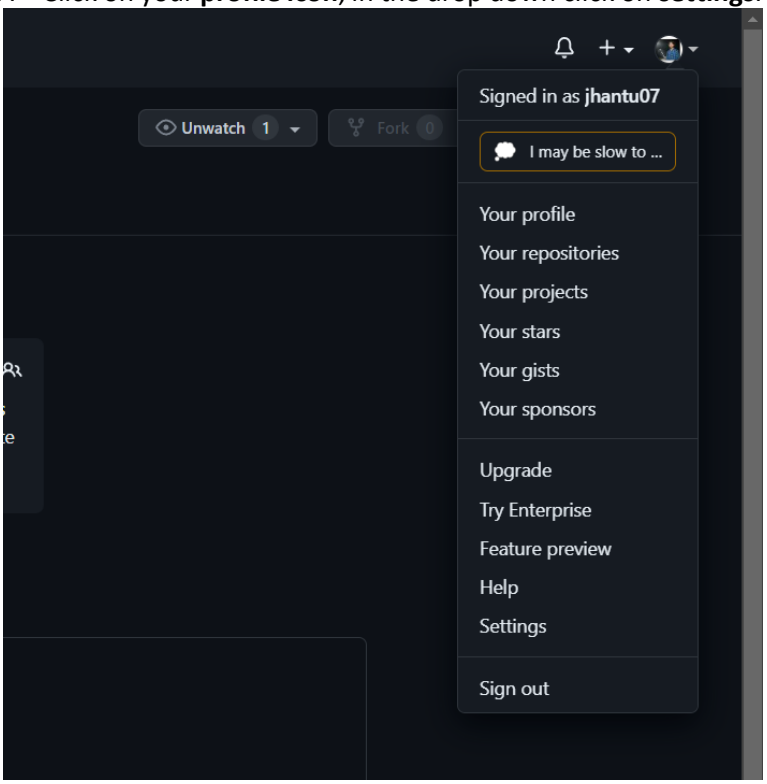
5. Click on **collaborators**.



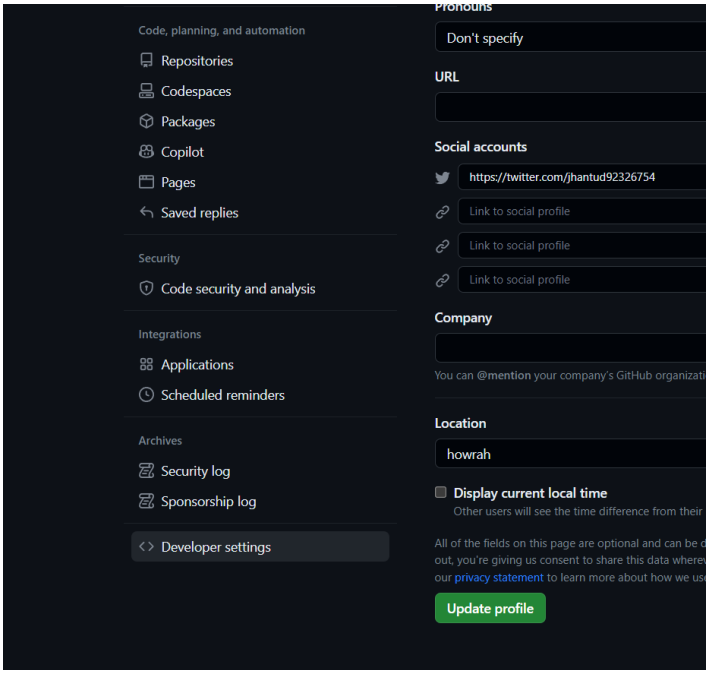
6. Click on **Add people** to invite or add your friends as a collaborator of your project.



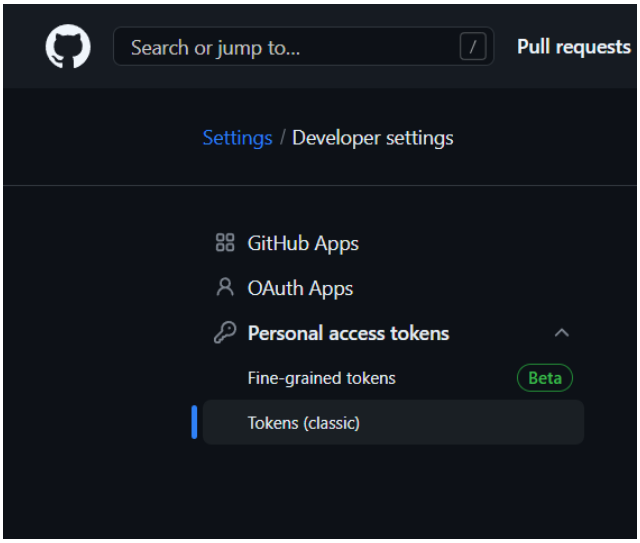
7. Click on your **profile icon**, in the drop down click on **settings**.



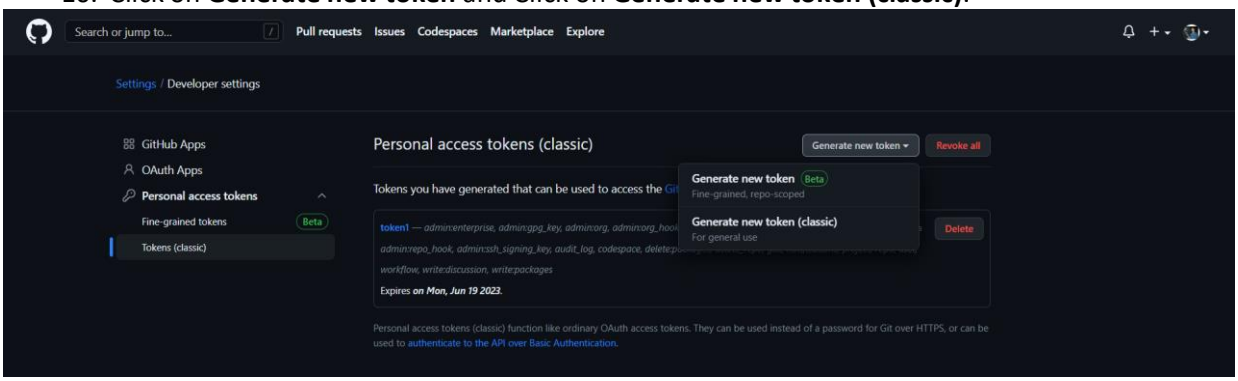
8. On the left side of the screen **scroll down** and click on **Developer settings**.



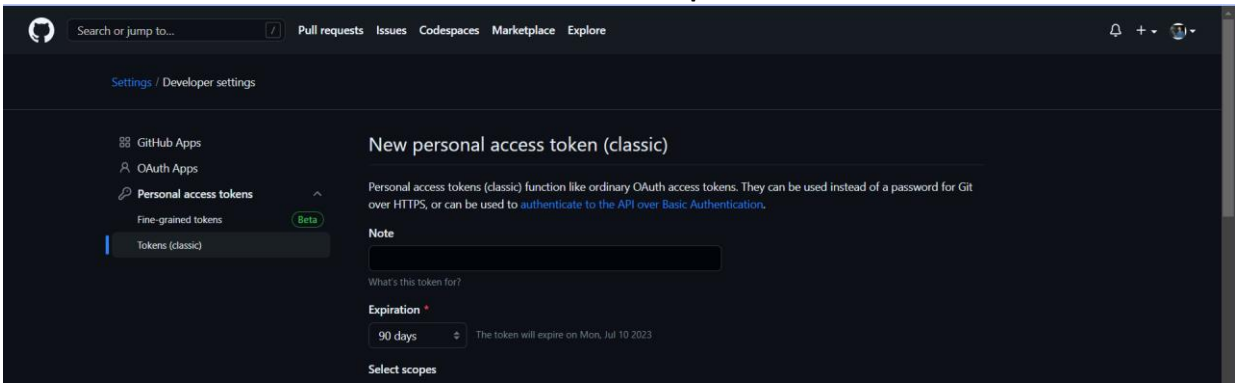
9. After that click on **Personal access token** and in Personal access token click on **Token (classic).**



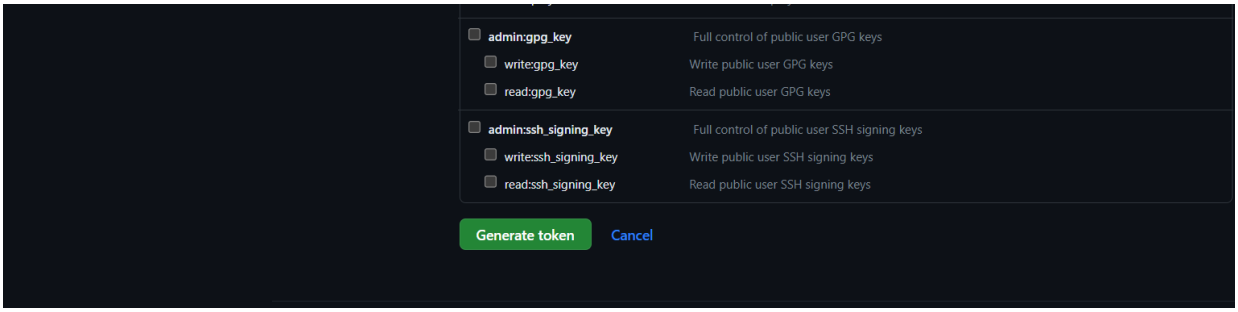
10. Click on **Generate new token** and Click on **Generate new token (classic)**.



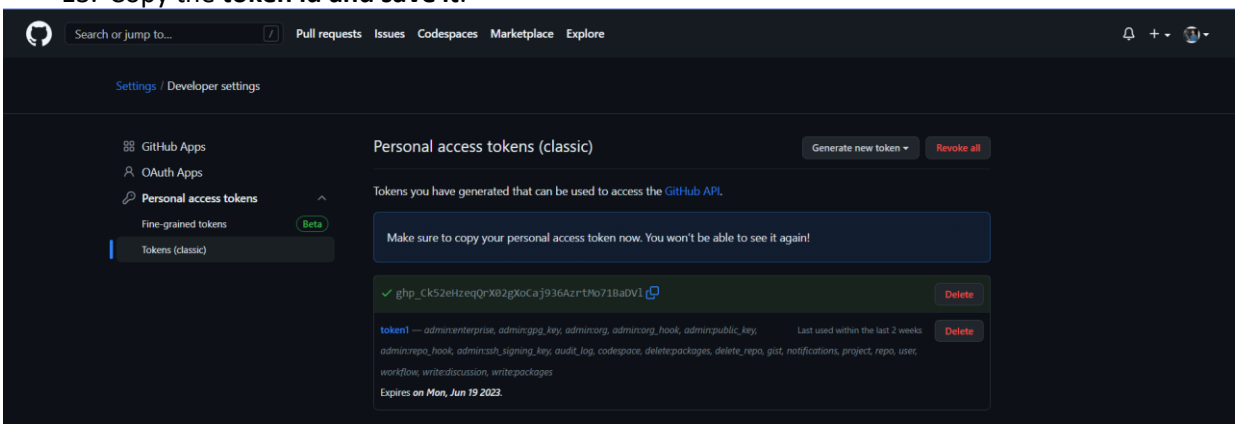
11. Enter the **note of the token**. After that set the **Expiration**.



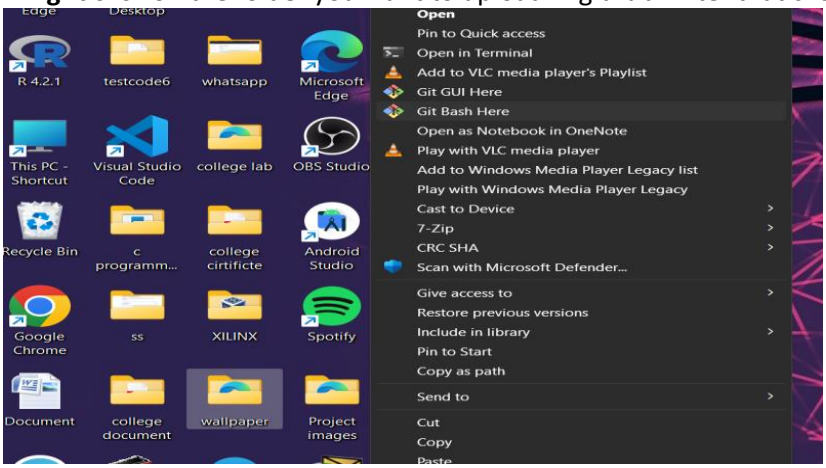
12. Click **all the check box** and click on **Generate token**.



13. Copy the **token id and save it**.

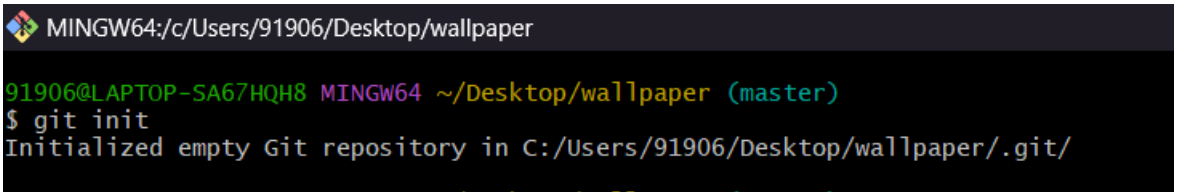


14. **Right click** on the folder you want to upload in github. After that click on **Git Bash Here**.

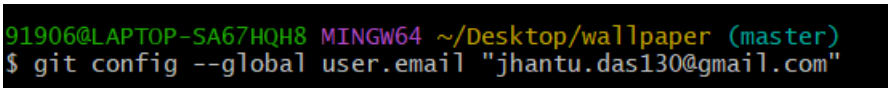


15. After that enter the commands to upload the files on github.

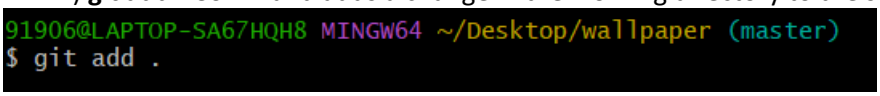
    i) **git init** command create a new git repository. It can be used to convert an existing, un-versioned project to a Git repository or initialize a new, empty repository



    ii) **git config - -global user.email "Your github email ID"** is use for connecting with your Github account.



    iii) **git add .** Command adds a change in the working directory to the staging area.



iv) **git commit –m “done”** : The -m option of commit command lets you to write the commit message on the command line.

```
91906@LAPTOP-SA67HQH8 MINGW64 ~/Desktop/wallpaper (master)
$ git commit -m "done"
[master (root-commit) 35b583e] done
 2 files changed, 29 insertions(+)
 create mode 100644 about.html
 create mode 100644 contact.html
```

v) **git remote add origin** *remote link *: To add a new remote, use the git remote add command on the terminal, in the directory your repository is stored at.
***instead of writing Remote like paste the link you copied in step 4.**

```
91906@LAPTOP-SA67HQH8 MINGW64 ~/Desktop/wallpaper (master)
$ git remote add origin https://github.com/jhantu07/repo2.git
```

vi) **git push -u origin master** command can be used to push any commits made locally on the `master` branch to a remote repository on `origin`.

```
91906@LAPTOP-SA67HQH8 MINGW64 ~/Desktop/wallpaper (master)
$ git push -u origin master
```

16. After this command your will get a popup where you have to paste the token which you have copied in step 13.
17. Now go to the repository you created and you can see that all the file is uploaded on your github repository.