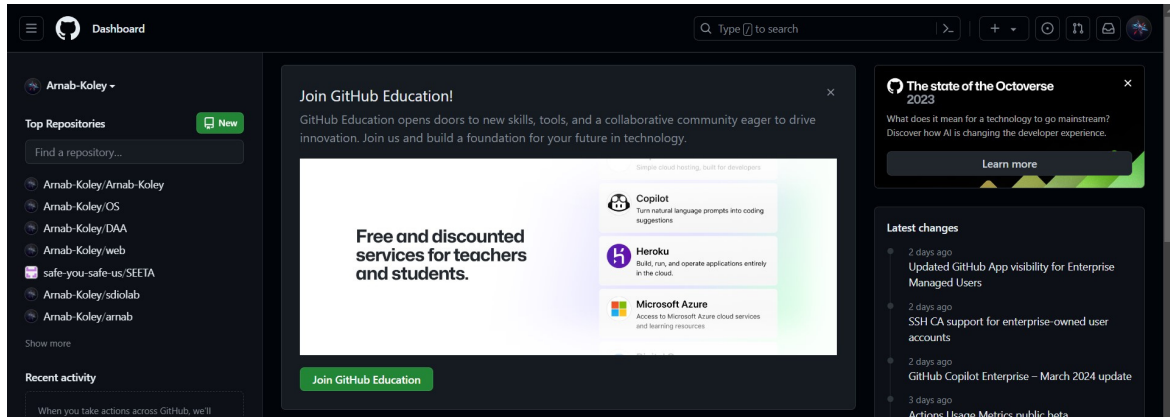


Assignment No : 08

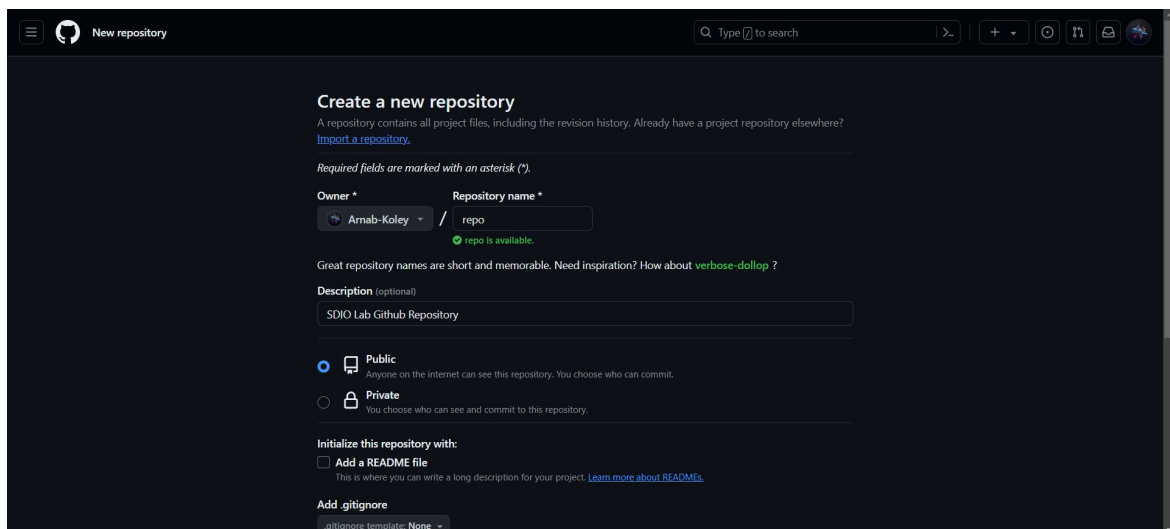
Problem Statement : Deploy a project from a local machine to GitHub and vice versa.

Answer :

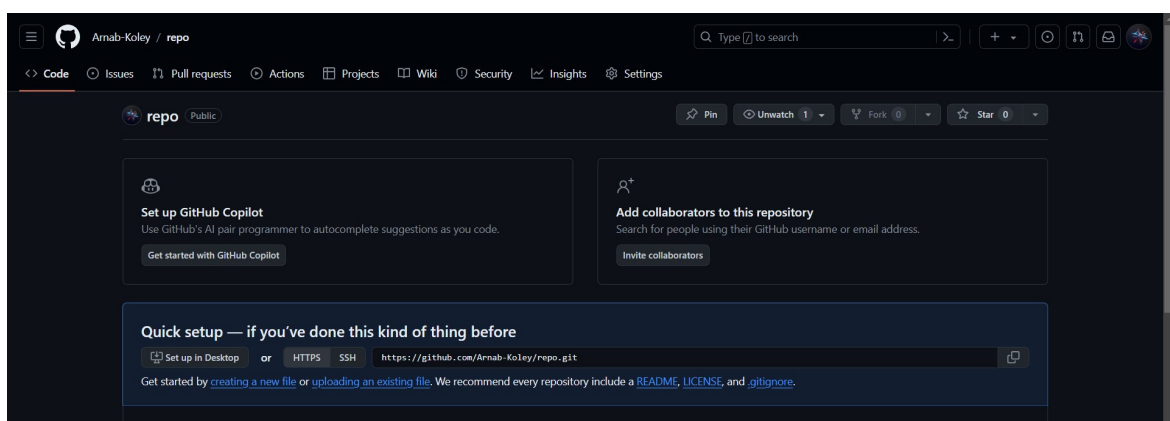
1) Go to 'https://github.com/' & sign in to Github account.



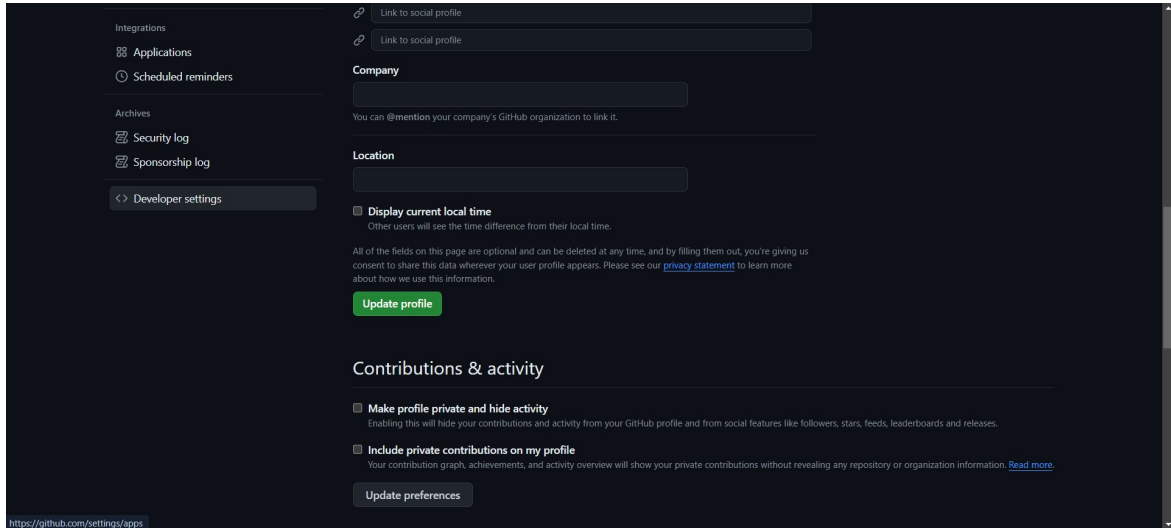
- 2) Create a new repository in GitHub :
- Click 'New' from the left menu
 - Give repository name (Ex-repo) and make it public
 - Click 'Create repository'



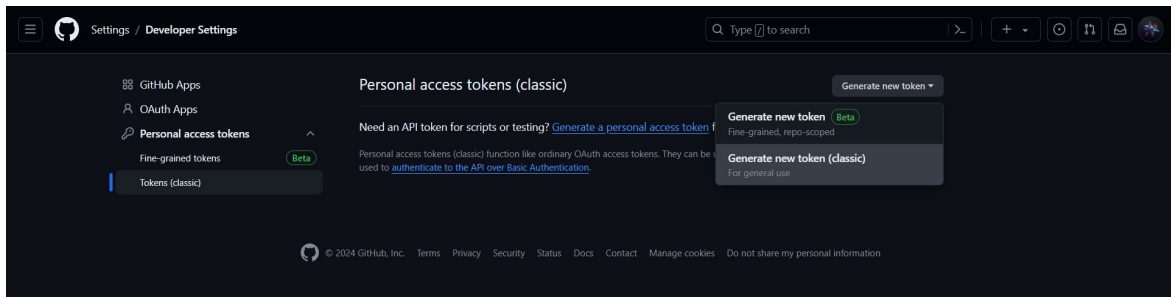
3) New Github repository is created. Copy the https link for later use.



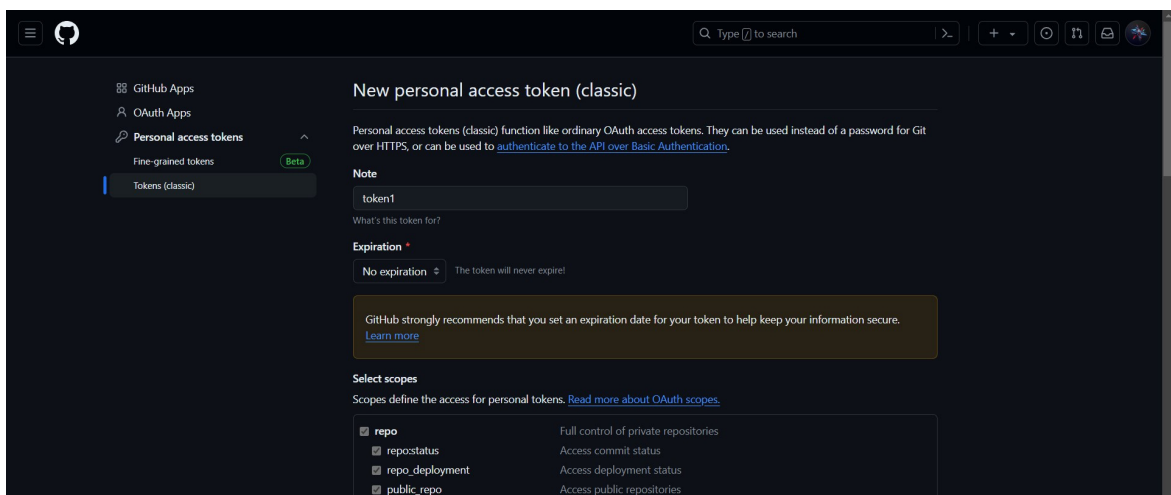
- 4)
 - Click on the profile icon in top-right corner.
 - Click 'Settings'
 - Goto 'Developer Settings'



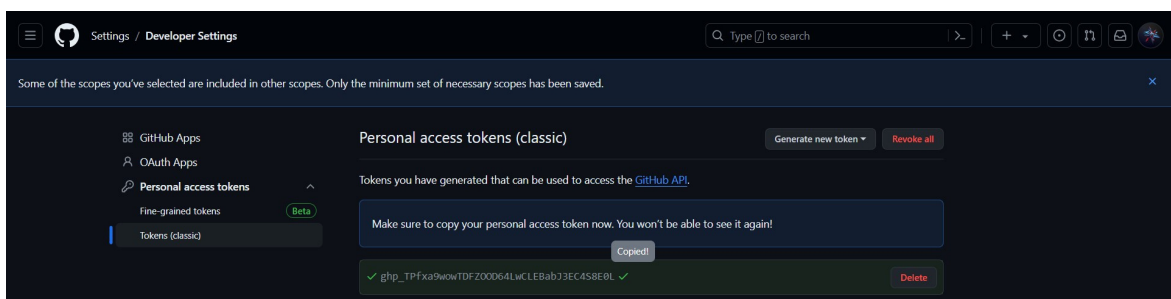
- 5)
 - Under Personal access tokens click 'Tokens (classic)'
 - Under 'Generate new token' click 'Generate new token (classic)'



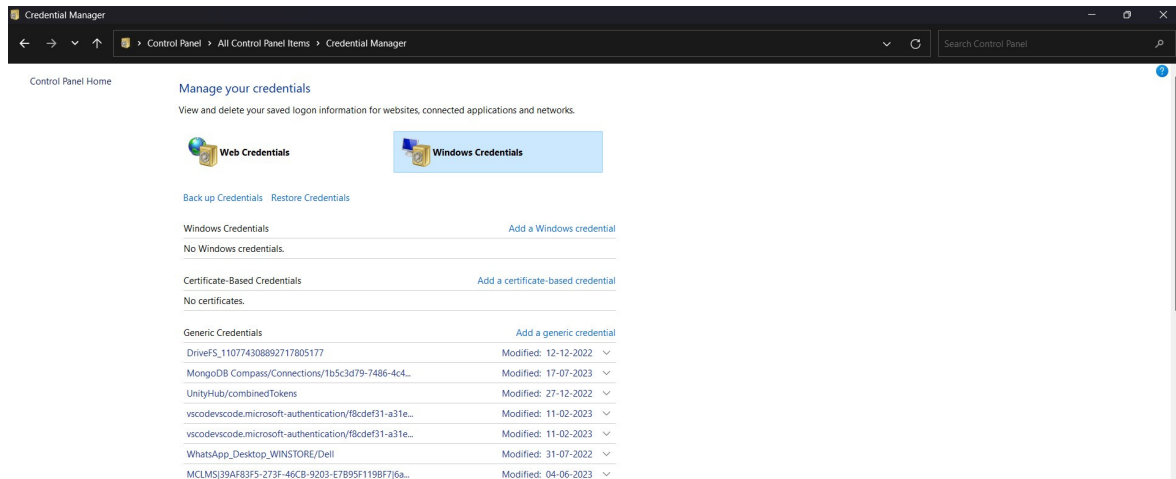
- 6)
 - Give a name in note. (Ex-token1)
 - Select Expiration time. (Ex-No expiration)
 - Check all scope categories & their subcategories under 'Select scopes'.
 - Click 'Generate token'.



- 7) Copy the generated token for later use.



- 8) • Go to Control Panel and click 'User Accounts'.
- Goto 'Manage your credentials' & click 'Windows Credentials'.
 - In 'Generic Credentials' section if any github account present, delete it.

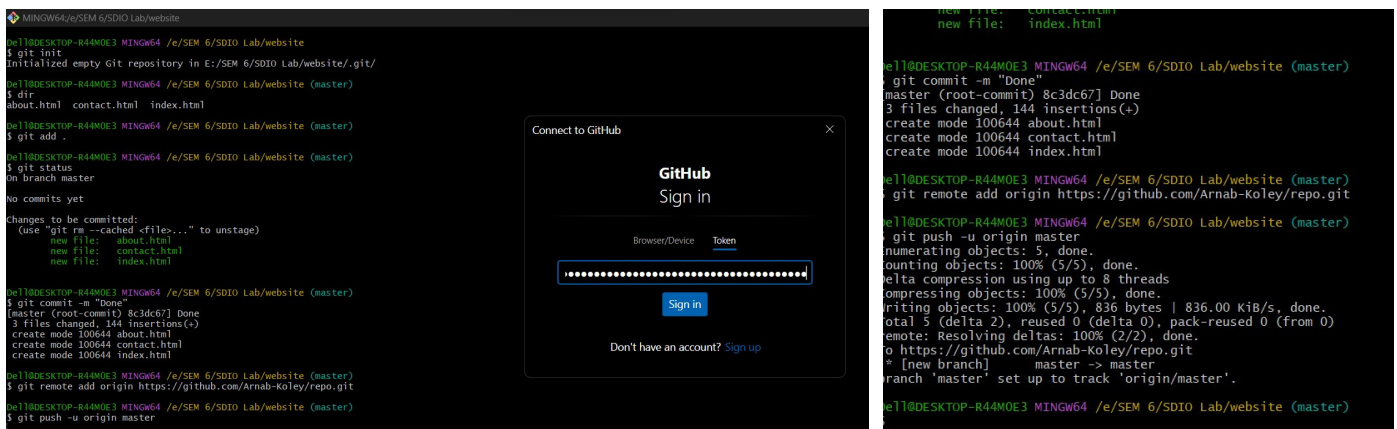


- 9) Goto your project folder, right click & select 'open with gitbash' here and run the following commands:

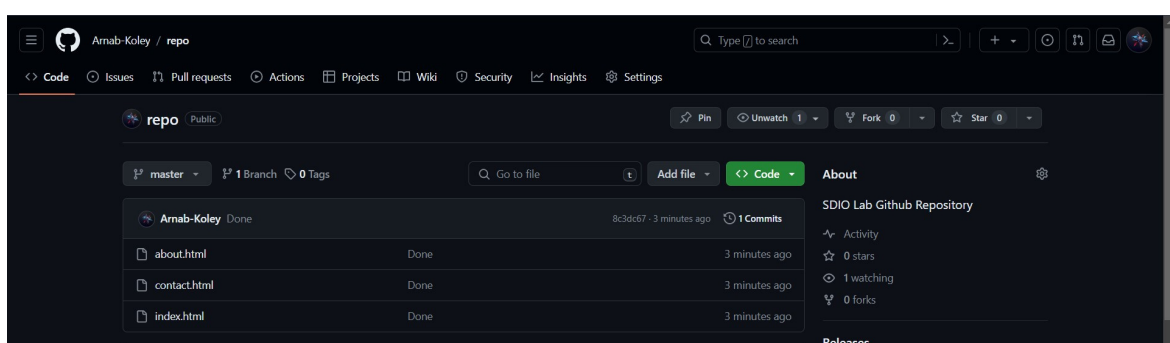
- git init
- dir
- git add .
- git status
- git commit -m "Done"
- git remote add origin https://github.com/Arnab-Koley/repo.git (previously copied)

A new Connect to GitHub window opened. Go to token, paste the previously copied token & click 'Sign in'.

- git push -u origin master



- 10) Deployment of a project from a local machine to GitHub is successfully completed.



Cloning a project from Github to local machine

- 11)
- Create a new folder in local machine & goto the folder
 - Right click & select 'open with gitbash here' and run the following commands:
 - git init
 - git clone https://github.com/Arnab-Koley/repo.git (previously copied)

```
MINGW64:/e/SEM 6/SDIO Lab/website2

Dell@DESKTOP-R44M0E3 MINGW64 /e/SEM 6/SDIO Lab/website2
$ git init
Initialized empty Git repository in E:/SEM 6/SDIO Lab/website2/.git/

Dell@DESKTOP-R44M0E3 MINGW64 /e/SEM 6/SDIO Lab/website2 (master)
$ git clone https://github.com/Arnab-Koley/repo.git
Cloning into 'repo'...
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 2), reused 5 (delta 2), pack-reused 0
Receiving objects: 100% (5/5), done.
Resolving deltas: 100% (2/2), done.

Dell@DESKTOP-R44M0E3 MINGW64 /e/SEM 6/SDIO Lab/website2 (master)
$ |
```

- 12) Deployment of a project from GitHub to a local machine is successfully completed.

