LAB # 19

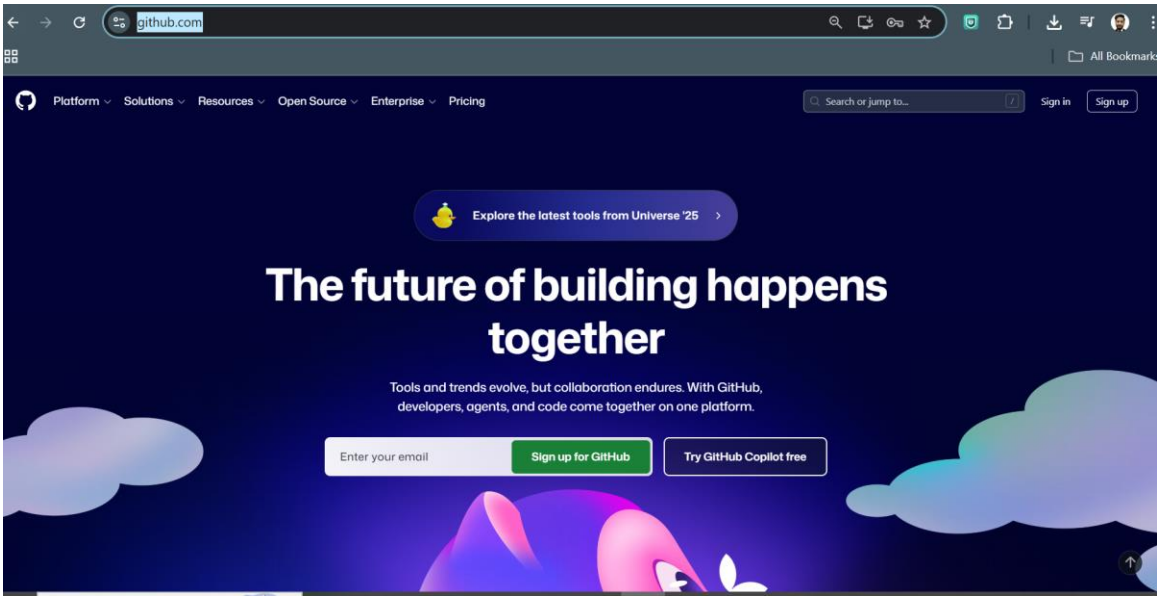
Getting Familiar with Git & GitHub

Objective: Importance and deep dive related to Git and GitHub

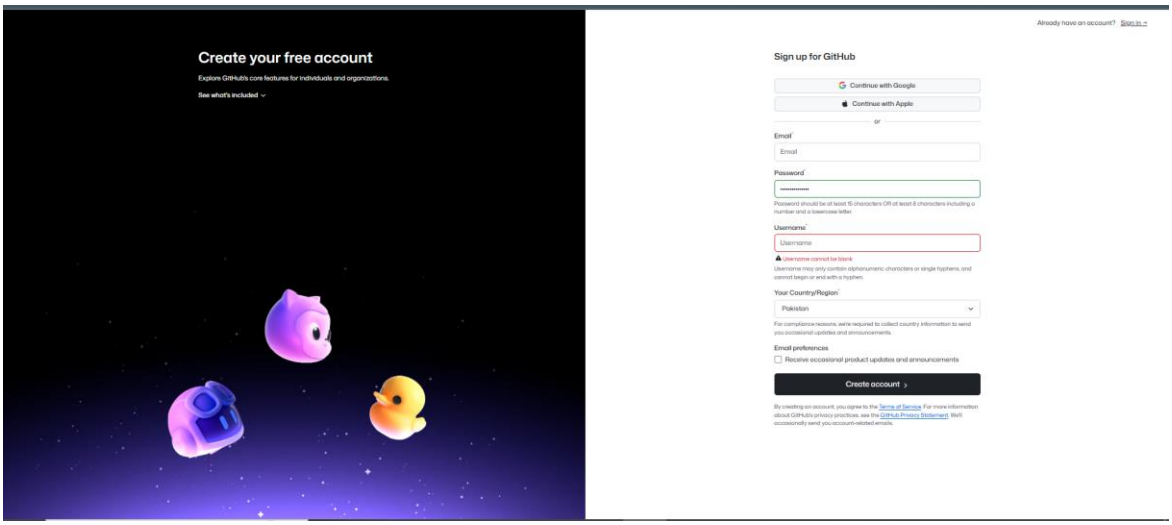
Sig up GitHub

Step 1: Open GitHub

- Go to https://github.com and create a free account.

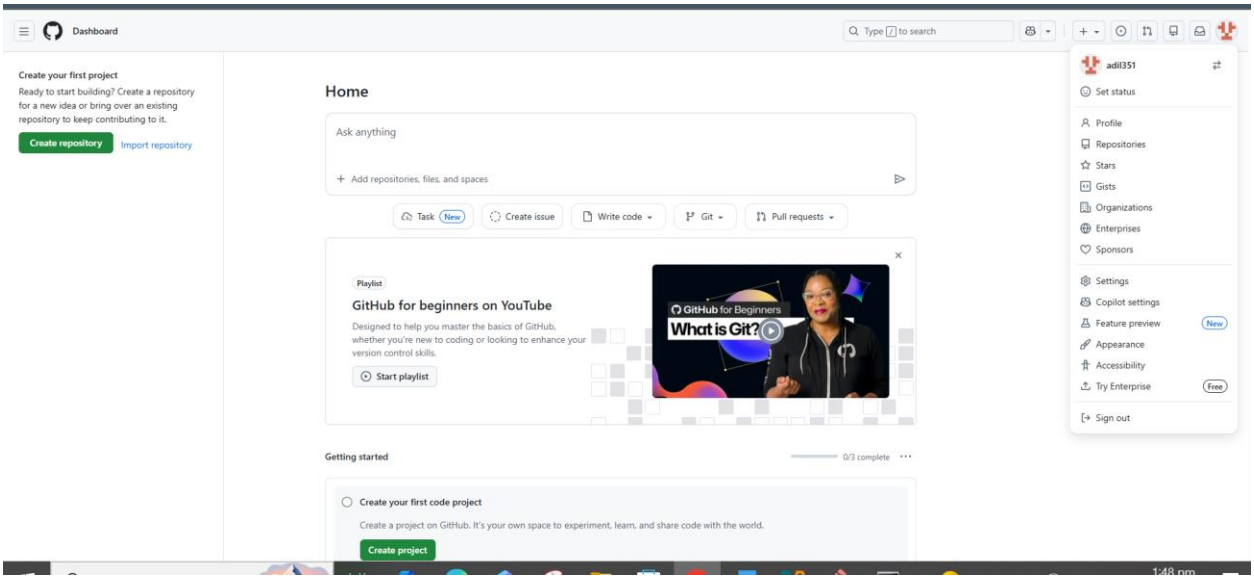


Step 2: To create an account on GitHub, you will be asked for some personal information like name, confirm your email, set a username and password, and your account should be set up in minutes.

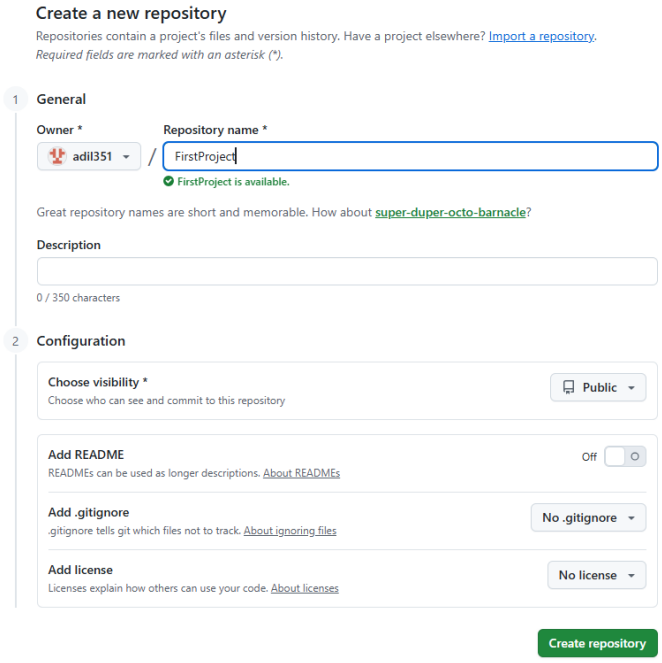


LAB # 19

Step 3: Set your Profile.



Step 4: Create a **Repository** and keep it **Public.**



Step 5: Link Local Repository to GitHub

1. Open Git Bash in your local project folder (FirstProject).
2. Add GitHub as a remote repository:

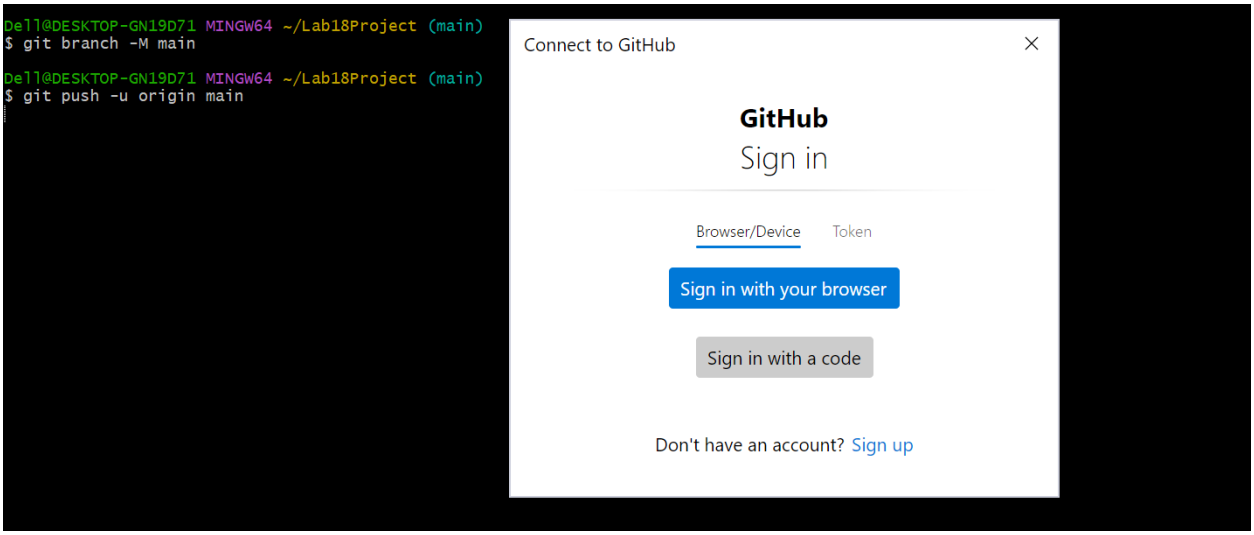
Command:

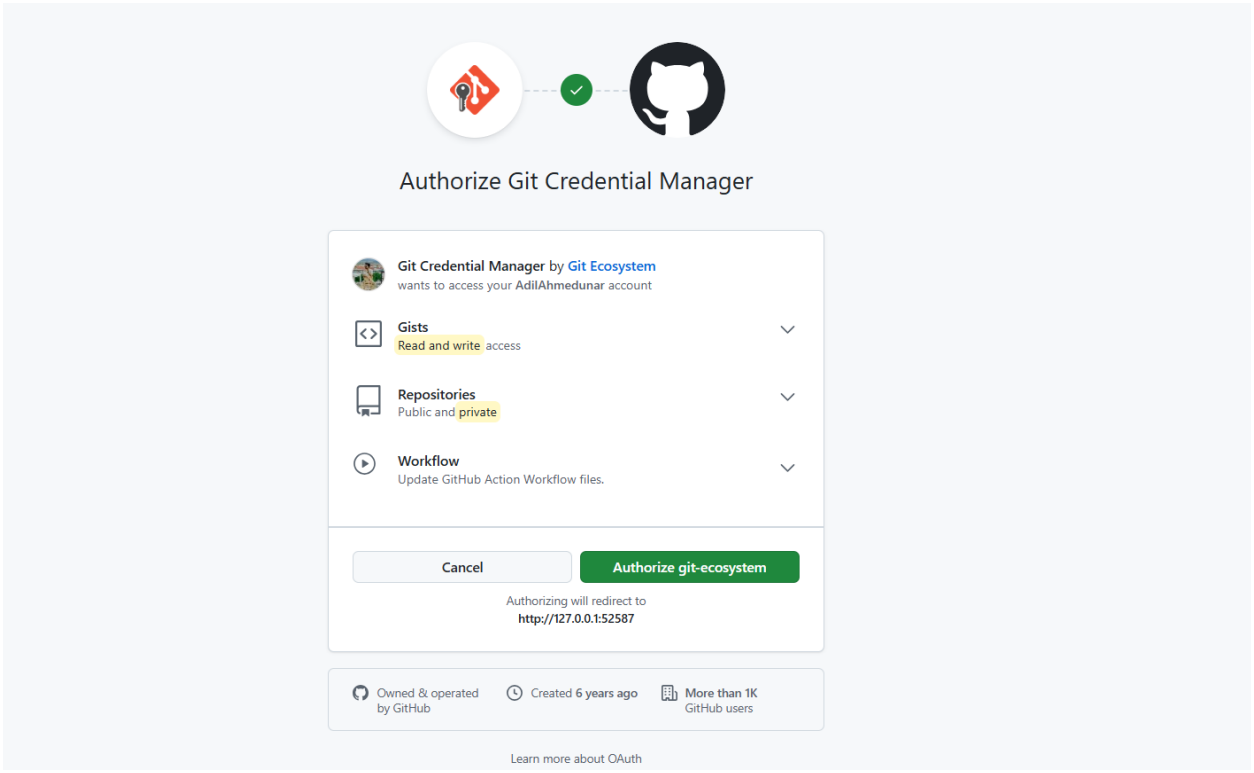
- **git remote add origin** https://github.com/YourUsername/MyFirstProject.git
- **git branch -M main**
- **git push -u origin main**

LAB # 19

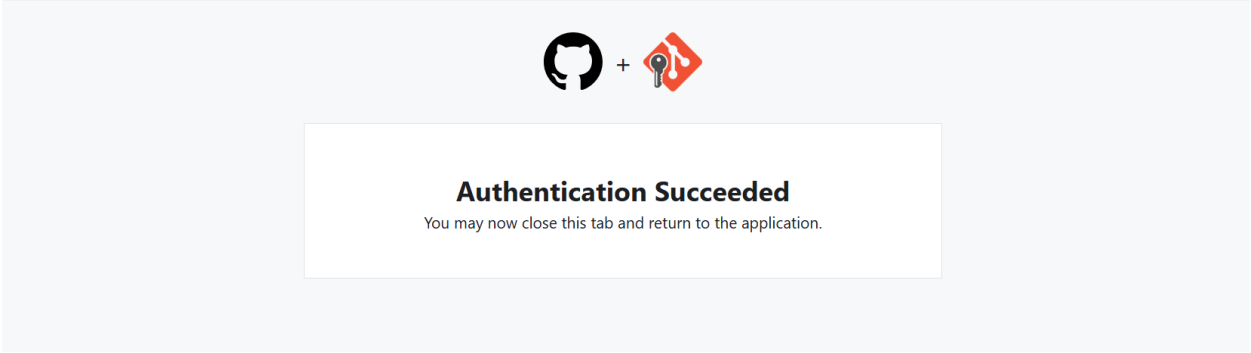
```
Dell@DESKTOP-GN19D71 MINGW64 ~/Lab18Project (main)
$ git remote add origin https://github.com/adil351/FirstProject.git

Dell@DESKTOP-GN19D71 MINGW64 ~/Lab18Project (main)
$ git branch -M main

Dell@DESKTOP-GN19D71 MINGW64 ~/Lab18Project (main)
$ git push -u origin main
```

Step 6: This command uploads your local files to GitHub and Git may ask for your GitHub username and password or a personal access token.





LAB # 19



You send your Git files to GitHub successfully!

Task # 01

Sign up on GitHub, set up your profile, and **upload Lab 18 & Lab 19 files** to a repository. Make sure the repository is **private** so it is only accessible to the instructor.

Instructions:

1. Sign up or log in to GitHub and complete your profile.
2. Create a **new repository** (e.g., Lab18-19). Choose **Private**.
3. Click **Add files → Upload files** and select Lab 18 & Lab 19 files from your computer.
4. Commit the upload.