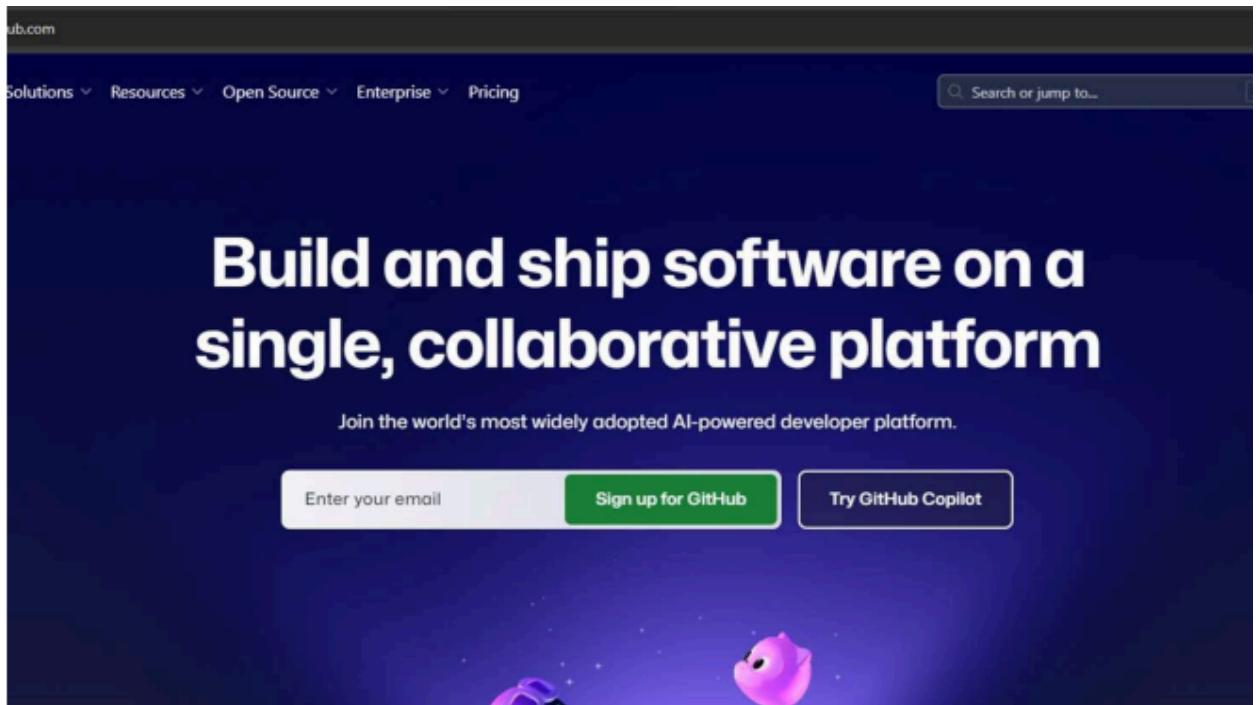


Difference between Git and GitHub :-

Aspect	Git	GitHub
Definition	A distributed version control system used to track changes in code.	A web-based platform that hosts Git repositories and facilitates collaboration.
Purpose	Helps developers manage version control locally or on any server.	Provides a centralized location for sharing, managing, and collaborating on Git repositories.
Functionality	Works on the command line or through GUIs to manage repositories.	Adds collaboration features like pull requests, issue tracking, and documentation hosting.
Hosting	Local or remote repositories on any server.	Cloud-based hosting specifically for Git repositories.
Dependency	Independent of GitHub; can work on its own.	Relies on Git for repository management.
Features	Branching, merging, reverting commits, and tagging.	Git features plus social coding features like forking, stars, and GitHub Actions.

Steps for Creating account in Github Account :-

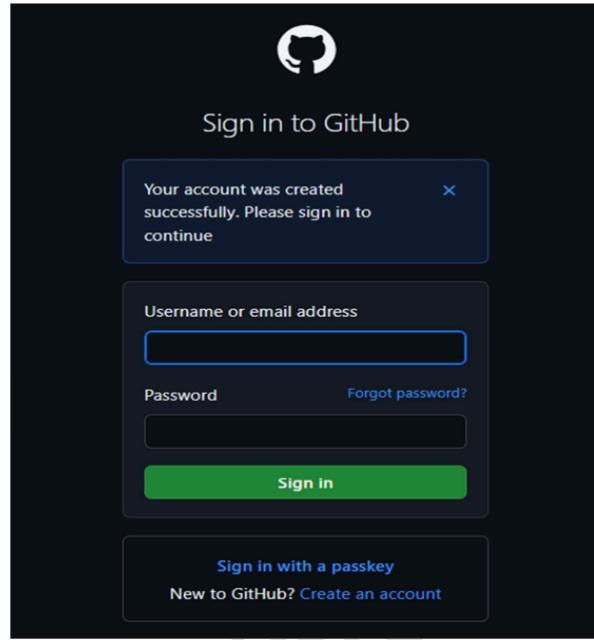
- 1) Go to github.com and press sign up to create an account



2) Enter your email address and password and verify your account

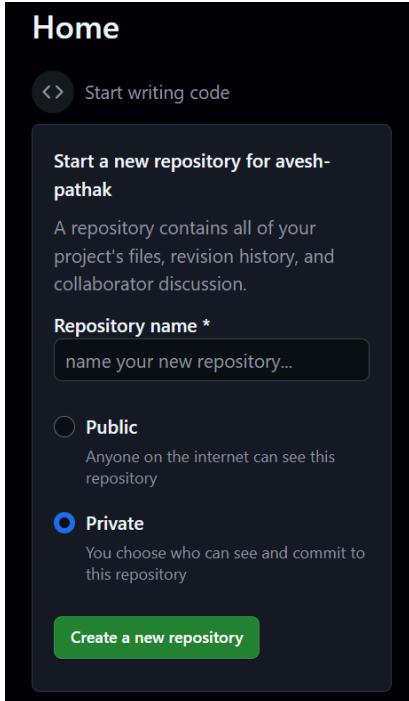


3) Now after the account is created login to the account



Creating a Repository:

- 1) Click the "+" icon in the upper right corner and select "New repository."



- 2) Create a new repository

The screenshot shows a GitHub repository page for a private repository named '-software-engineering-lab'. The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Security, Insights, and Settings. The repository name is displayed with a green octocat icon and a 'Private' badge. Below the header, there are sections for GitHub Copilot setup and adding collaborators. A central box provides quick setup instructions and command-line creation steps.

Set up GitHub Copilot
Use GitHub's AI pair programmer to autocomplete suggestions as you code.
[Get started with GitHub Copilot](#)

Add collaborators to this repository
Search for people using their GitHub username or email address.
[Invite collaborators](#)

Quick setup — if you've done this kind of thing before

Set up in Desktop or HTTPS SSH <https://github.com/avesh-pathak/-software-engineering-lab.git>

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# -software-engineering-lab" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
```