

Practical :- 10

Git & Github

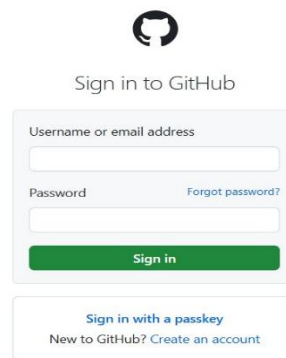
- ❖ **GIT:-** Git is a distributed version control system widely used for tracking changes in source code during software development. It enables multiple developers to collaborate efficiently on projects.
- ❖ **Github:-** GitHub is a web-based platform for hosting and collaborating on Git repositories. It builds upon Git's version control features, offering additional tools like issue tracking, project management, CI/CD integration, and team collaboration.

➤ Here's a step-by-step guide to creating a GitHub account:-

Step 1: Visit GitHub

Open your web browser.

Go to the official GitHub website: <https://github.com>.



[Terms](#) [Privacy](#) [Docs](#) [Contact GitHub Support](#) [Manage cookies](#) [Do not share my personal information](#)

Step 2: Start the Signup Process

Click on the "Sign up" button (usually at the top-right corner of the page).

Step 3: Fill Out the Signup Form

Enter your Email Address: Provide a valid email address.

Create a Username: Choose a unique username (this will appear in your profile URL).

Create a Password: Enter a secure password.

Click "Continue" to proceed.

Step 4: Verify Your Account

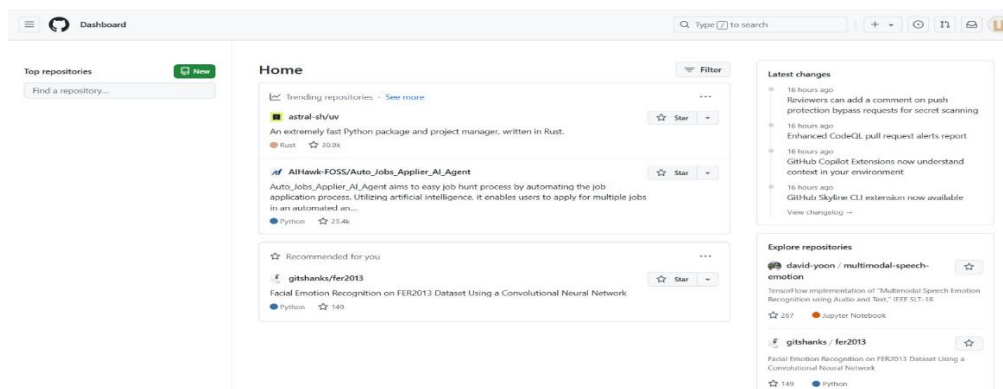
Email Verification:

GitHub will send a confirmation email to the address you provided.

Check your inbox (and spam folder if needed) and click the verification link in the email.

Solve a CAPTCHA: GitHub might ask you to solve a puzzle to confirm you're not a bot.

➤ **After verifying the code you will redirect to the dashboard:-**



Step 5: Start Using GitHub

Explore GitHub features or create your first repository!

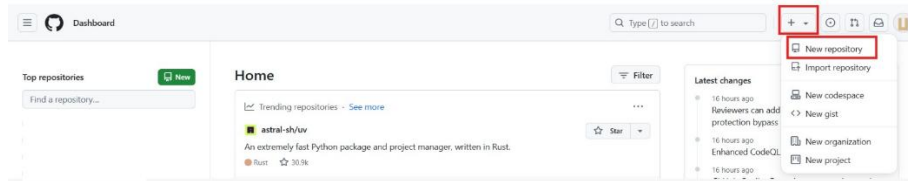
Create a Repository:

Click the "+" icon at the top right and select "New repository".

Name your repository and decide if it will be **public or private**.

Clone a Repository:

Use Git to download a repository locally.



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?

[Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner *

dollyprajapati

Repository name *

Deep Learning

✓ Your new repository will be created as `Deep-Learning-`.
The repository name can only contain ASCII letters, digits, and the characters `-`, `.`, and `_`.

Great repository names are short and memorable. Need inspiration? How about [psychic-lamp](#)?

Description (optional)

☒ Public

Anyone on the internet can see this repository. You choose who can commit.

☐ Private

You choose who can see and commit to this repository.

Initialize this repository with:

☒ Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

License: None

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

This will set `main` as the default branch. Change the default name in your [settings](#).

ⓘ You are creating a public repository in your personal account.

Create repository

- After create the repository you will redirect to this page

