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Difference between Git and Github:

The diff b/w git and github git is a version control system that lets you manage and keep track of your source code history. GitHub is a cloud-based hosting service that lets you manage Git repositories. Git is Installed locally on your computer while github is Web-based, with optional desktop app. Git has features of Version tracking, branching, merging while github has Hosting, collaboration tools, pull requests, actions, project boards. Git is Owned and maintained by individual users on their machines while github is Owned and maintained by GitHub, Inc.

GITHUB Account

GITHUB ACCOUNT CREATION

Signing into github



Sign in to GitHub

Username or email address

Password

[Forgot password?](#)

Sign in

[Sign in with a passkey](#)

[New to GitHub? Create an account](#)

Home page of Github

Dashboard

Q Type to search

+ -

Top repositories

New

Find a repository...

Rohanpeerla/Module-8-Lab-1

Rohanpeerla/Module-8-Lab-3

Rohanpeerla/Module-7-Lab-3

Rohanpeerla/Module-5-Lab-2

Rohanpeerla/Module-4-Lab-3

Rohanpeerla/Module-8-Lab-4

Rohanpeerla/Module-9-Lab-1

Show more

Home

Give feedback

Filter

<> Start writing code

Start a new repository for Rohanpeerla

A repository contains all of your project's files, revision history, and collaborator discussion.

Repository name *

name your new repository...

Public

Anyone on the internet can see this repository

Private

You choose who can see and commit to this repository

Create a new repository

Introduce yourself with a profile README

Share information about yourself by creating a profile README, which appears at the top of your profile page.

Rohanpeerla / README.md

Create

1 - Hi, I'm @Rohanpeerla

2 - I'm interested in ...

3 - I'm currently learning ...

4 - I'm looking to collaborate on ...

5 - How to reach me ...

6 - Pronouns: ...

7 - Fun Fact: ...

8

Use tools of the trade

Simplify your development workflow with a GUI

Install GitHub Desktop to visualize, commit, and push changes without ever touching the command line.

Get AI-based coding suggestions

Try GitHub Copilot free for 30 days, which suggests entire functions in real time, right from your editor.

Latest changes

4 days ago

Access a repository's secret scanning scan history with the REST API

5 days ago

Expanded flexibility and control for managing the security manager role

5 days ago

CSV export for enterprise-level security overview

Last week

What's New in Mobile, November Update

View changelog --

Explore repositories

nocodb / nocodb

Open Source Airtable Alternative

50k TypeScript

meshery / meshery.io

Website for Meshery

529 JavaScript

Profile of Github



Rohanpeerla



Set status



Your profile



Your repositories



Your Copilot



Your projects



Your stars



Your gists



Your organizations



Your enterprises



Your sponsors



Try Enterprise

Free



Feature preview



Settings



GitHub Website



GitHub Docs



GitHub Support



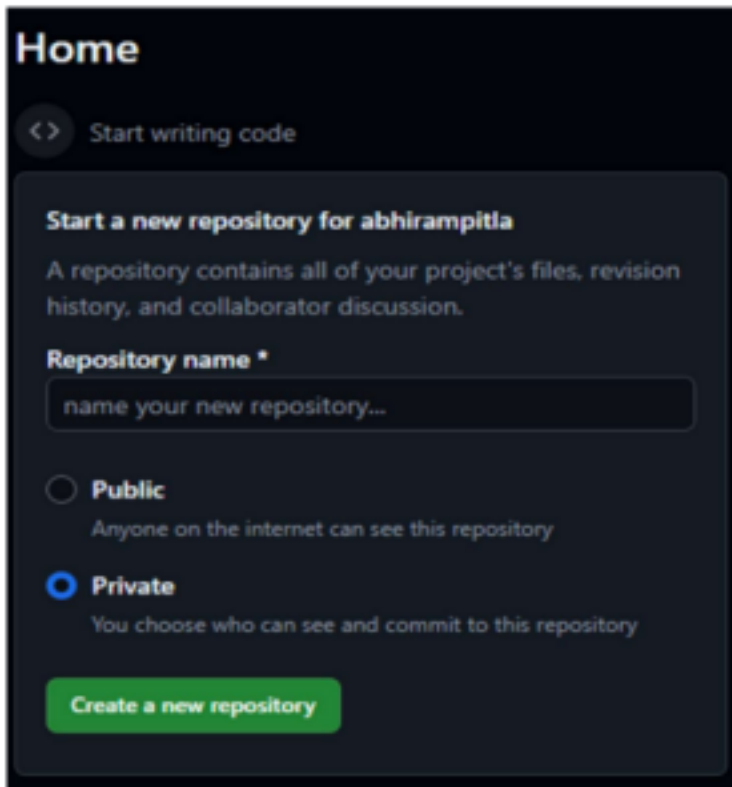
GitHub Community



Sign out

Creating a Repository:

1. Click the “+” icon in the upper right corner and select “New repository.”



2. Enter a repository name and description

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 * Rohanpeerla / Repository name * se lab

✔ Your new repository will be created as se-lab.
The repository name can only contain ASCII letters, digits, and the characters -, ., and _.

Great repository names are short and memorable. Need inspiration? How about **verbose-garbanzo** ?

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:

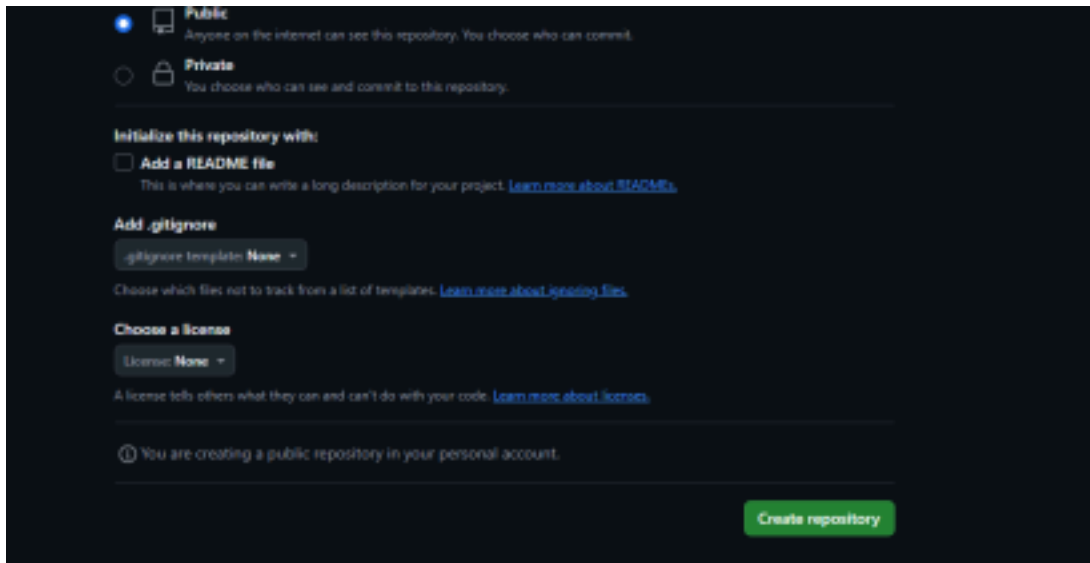
☒ Add a README file
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

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

3. Click "Create repository."



Git and Github difference

Git is a Global Information tracker. It is a version software system that lets you track the source code history.
It is an open source version control that developers install personally on their computers.

Sno	GIT	GITHUB
1.	Git is a software.	GitHub is a service.
2.	Git is a command-line tool	GitHub is a graphical user interface

3.	Git is installed locally on the system	GitHub is hosted on the web
4.	Git is maintained by linux.	GitHub is maintained by Microsoft.
5.	Git is focused on version control and code sharing.	GitHub is focused on centralized source code hosting.
6.	Git is a version control system to manage source code history.	GitHub is a hosting service for Git repositories.
7.	Git was first released in 2005.	GitHub was launched in 2008.
8.	Git has no user management feature.	GitHub has a built-in user management feature.

9.	Git is open-source licensed.	GitHub includes a free-tier and pay-for-use tier.
10.	Git has minimal external tool configuration.	GitHub has an active marketplace for tool integration.
11.	Git provides a Desktop interface named Git Gui.	GitHub provides a Desktop interface named GitHub Desktop.
12.	Git competes with CVS, Subversion, Mercurial, etc.	GitHub competes with GitLab, Bit Bucket, AWS Code Commit, Azure DevOps Server, etc.