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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**

Login Page Of Github



## Sign in to GitHub

Username or email address

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## Home Page of Github

Dashboard

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Top repositories

New

Find a repository...

harshaq12/software-engineering-lab

Ask Copilot

<> Email validation regex in JS

Pull requests in microsoft/vscode

Home

Filter

Learn with a tutorial project

[Introduction to GitHub](#)

Get started using GitHub in less than an hour.

GitHub Pages

Create a site or blog from your GitHub repositories with GitHub Pages.

Code with Copilot

Develop with AI-powered code suggestions using GitHub Copilot, Codespaces, and VS Code.

Hello GitHub Actions

Create a GitHub Action and use it in a workflow.

Latest changes

15 hours ago

Code scanning: CodeQL Action v2 is now deprecated

Yesterday

Secret scanning expands default pattern support

2 days ago

GitHub Models introduces JSON schema support for response formats

4 days ago

You can now disable comments on GitHub gists

View changelog →

Explore repositories

HaxeFoundation / haxe

Haxe - The Cross-Platform Toolkit

<https://github.com/skills/introduction-to-github>

## Create a new repository

### 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 \* 

harshaq12

 / 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 [glowing-disco](#) ?

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.](#)

## Click On Create Repository

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 private repository in your personal account.

Create repository

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## Your Profile



harshaq12



Your profile



Your repositories



Your Copilot



Your projects



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## Git And Github Difference

Sn o	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.
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