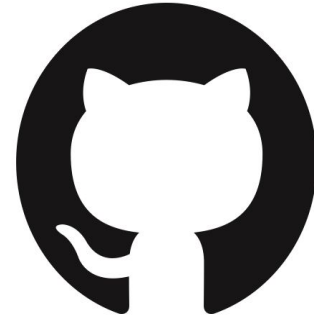
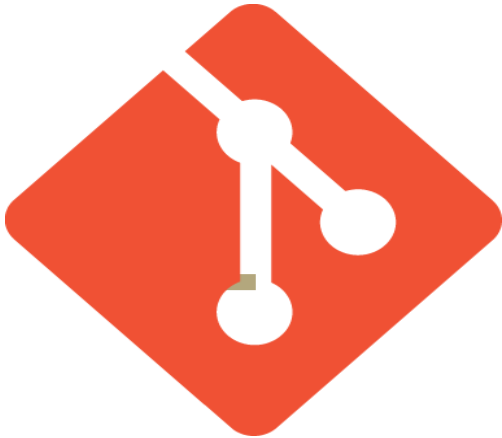

Introduction to Git and GitHub



Agenda

- Introduction to Command Line
- What is Git?
- What is GitHub?
- Difference between Git and GitHub
- How to install Git
- How to Sign Up GitHub
- Connect Git to GitHub Account
- Demo

Introduction to Command Line

A command-line interface (CLI) is a text-based user interface (UI) used to run programs, manage computer files and interact with the computer.

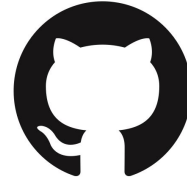
- Create a folder
- Create a file
- Change directory
- Move files
- Rename files
- Delete files
- Clear terminal screen

What is Git?



Git is an ***open-source software*** used for tracking changes in a ***distributed version control system*** (DVCS). It is used/designed to track changes in your project. Git works hand in hand with GitHub and it was developed in 2005 by Linus Torvalds.

What is GitHub?



GitHub is a hosting provider and version control platform used to collaborate on open-source projects and share files. In GitHub, you can make your own changes to a project at the same time as other developers are making theirs.

Difference between Git and GitHub

Git is a version control system that manages and keeps track of your code while GitHub, on the other hand, is a service that lets you host, share, and manage your code files on the internet. Git is a Distributed Version Control System (DVCS) and GitHub is the platform where we host our code.

How to install Git and Sign Up to GitHub

To install Git use the [Link](#)

To Sign Up to GitHub use the [Link](#)

Connect Git to GitHub Account



Connecting Git to GitHub

- Set your Git username
 - `git config --global user.name "your username"`
- Confirm if the username is set
 - `git config --global user.name`
- Set your Git email address
 - `git config --global user.email "youremail@gmail.com"`
- Confirmed if the email is set
 - `git config --global user.email`



DEMO

- Creating a repo in GitHub.
- Create a folder on local computer with a readme file (using vscode).
- Push the folder to gitHub.
- Clone a document on gitHub.
- Make changes on it locally
- Create a branch.
- Create a Pull Request
- Push the changes made to the branch on GitHub.
- How to pull changes on github.

*Thank
you!*

