Git and GitHub 1 - Introduction

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Today we will learn

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1. What is GIT

2. What is GIT HUB

3. Is GIT related to GIT HUB

4. A simple workflow

GIT - VCS - version control system

- to track changes in files / folders

- to collaborate in teams

- free and open source

Centralised VCS | Distributed VCS

GIT = DVCS

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GIT HUB - website to upload your repositories online

- provides backup

- provides visual interface to your repo

- makes collaboration easier

GIT != GIT HUB

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Git and GitHub Beginner Tutorial 2 - Getting started - Install Git (mac)

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Today we will learn

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1. How to download and install git

2. Signup and create account on GitHub

3. Add a project/folder/file to git

4. Track and commit changes

5. Add the repository to GitHub

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Step 1 : Check if git is already installed.

terminal - git --version

Step 2 : Download and install git

https://git-scm.com/download/mac

Step 3 : Signup and create a account on GitHub

https://github.com/

Step 4 : Add your github email and username to git

git config --global user.email "yourGitHub@email.com"

git config --global user.name "yourGitHubusername"

Step 5 : Add file/folders to git - tracking

Step 6 : Commands

- terminal - goto the location of the folder/project

- git init

- git status

- git add

- git commit -m “…..”

- git remote add origin “location of remote repo”

- git push -u origin master

- git log

- git --help