

Day 1 : 10 Oct 2024 CB FSD - Planning and UI Design

Agile

Git

Database – MySQL

HTML

CSS

JavaScript

TypeScript

Angular Framework

Cucumber

Git : Git is sub version control system. It is an open source tool. Using this tool we can **records changes done** in our application develop using any language. Using git we can share data or code between more then one team.

git --version it is use to check the version of git.

git init this command is use to make normal folder as local git repository

ls -a : this check all files (hidden folder as well as file) present in current directory

git status this command display the current status of repository

git add filename : this command is use to move file or folder from os or file system to staging area.

git add . : this command is use to add more than one file or folder present in current directory.

git commit -m "1st commit "

first time we need to do few configuration

git config --global user.email "you@example.com"

git config --global user.name "Your Name"

git branch : branch is like a pointer which hold more than one commit details.

By default git provide default branch ie **master or main**.

git branch : it display all branches present in current directory.

Creating user defined branch

git branch myfirstbranch

switch from one branch to another branch

git checkout branchname

`git merge branchname:` this command is use to merge user defined branch task into current branch

`git branch -D brancName:` this command is use to delete the branch

if we want to share the data between one team to another team.

Then we can use remote repository.

1. `Git hub` : Git hub is type of remote repository which help to share the data.

Connecting local repository with remote repository

1. First create remote repository in git hub account with README file and clone this repository in VM or local machine.

`git clone URL`