

GIT Commands

Clear(for clearing the terminal)

Remote- Github

Local-our Laptop

Clone-is basically to copy the code from github to your local

Git clone https link from github(go to code and then you will find the link)

Cd

Change directory(going into the folder)

Ls

Basically to see all files in the folder

Ls-a

To see hidden files

Git status(to see what is the present situation like if there are any changes made or not)

Git add filename(so that it get staged)

Git add. (add all the files)

Git commit -m “write a sentence ”

Git push(to upload local to remote repo)

Git push origin main (origin meaning we have given the name of the repo as default,main is the branch)

cd-change directory

mkdir-make a folder in the directory

Git init(to initialise the folder into git)

Git remote add origin <link>

Git remote -v

Git branch (to see the branches)

Git branch -M main (rename)

Git push -u origin main (here u is creating shortcut)

Workflow

Github repo

Clone

Changes

Add

Commit

Push

Mostly used by different groups in a team

Git checkout branchname for example main (to go to that branch)

Git checkout -b branchname (to create a new branch)

Git checkout -d filename (to delete the branch and you need to be on another branch to delete it)

Git diff main (to see the difference between main and feature)

Way1

Git merge branch name (to merge the code)

Way 2 (PR)

Pull request from github

Git pull origin main(used to fetch and download content from remote repo and update the local repo)

Git fork(to take the code into your repository)