

Git hub structure

Git hub → repository → main → files

cmd

git → to see version

github username

git config --global user.name "username"

→ to configure username for git

git config --global user.email "email"

→ to configure email for git

VSC

→ open folder in desktop

Git clone command

→ git clone Repository link

↳ to get Github repository

in VS using Terminal

→ we create a file in VS under our folder

→ git status

→ it will be in Untracked status

→ git add filename

→ Now it moves to staging area

→ Display message

→ git commit -m "message"

→ git push origin main

Steps to push from local to Github repository

Insert → Add → Commit → Push

Deletion

→ Delete File in VS code local

men

Follow

→ git add *filename

→ git commit -m "deleted"

→ git push origin main

Modify

Changes made in browser that is
to be reflected in local machine

git pull

Creating a repository in local machine

→ create a folder

→ cd the folder in VS

git init → changes a normal folder to repository in local machine

adding multiple files to repository

git add . → helps to move files to staging area

git commit -m "create" → create

Go to github create

git remote add origin code link

git branch → master (master was used in previous version of git hub in place of main)

git branch -M main (changing master to main)

git branch → main

→ git push origin main

git pull origin main

branch

git branch -a

→ list the branches

→ Include new branch in Github

git pull C to make the created branch reflect in Local machine)

git checkout gitbranch1 ^{branchname}

↳ makes the created branch as default instead of main

→ git diff main

↳ show the difference between the branches

→ git checkout main

git merge ~~main~~ gitbranch1

↳ makes the created file available in our branch (main)

→ git push origin main

pull request

git branch branchname

→ creates new branch in local machine

git pull origin branchname

git push origin branchname

git fetch origin

git merge branchname

git checkout branchname

git reset --hard

git revert commit-hash

git log