Open VS terminal

Open Repository > Code

There will be link. git clone repo\_link (origin) > This will bring all the files This command gets git repo into tocal machine. -> cd "folder name" pass pripale ni si alif ult anoun This command will open wither folder to work on Showsen Local -> Git. Let us say u are creating new file inside git folder on your total machine "test? txt " U" symbol meaning This file will be indicated by "U" symbol meaning untracked file (only in tocal not synced up to git) This command will give status, of folder a rworking on. This command will move tests-txt or any file in staging rebloj U As soon as vicreate a file in local, initially the Test tot Cloned the github file into flocal push the file from github folder to github test 1. test 1. txt view viping file will exist in working tolder section tests. Ext of suntracked test1.txt git commit . In musea the file from working hit copy to lder to hit copy folder folder Working Tusert -> Add -> Commit -> Push. -> Grithub. (Any modification) 1990) TIP Working

Ablot

> git add "test2.txt" dustrie find This seemmand will change the symbol from "U" to "A' indicating the file, has been added to git copy tolder? > git status (argue) in be proministed This will show that the file has to be committed in the This means the file is in staging area. "smon rebles"

Browser.

Saved in staging area.

Saved in staging area. test 1. but Cithub Sient dis my priloses sus a post of tests. txt to tests. txt (A) service in an lieur. It is into the contraction of the Gip of a hours for plan staging law folder (like a waiting area)

of git commit -m "test2-txt file added "morning area)

commit message (mandatory) This command will move test2-txt or any file in staging areas to git copy folder.

Staging file in Staging folder.

Staging folder.

This command will move the file from git copy folder to git hubbing folder to git commit -m "message"

Staging file in Staging folder. test! the git push oxigin branch git commit -m "message"

[test! the commit of more of the commit of the committee of the commit Crithub Working Git Copy

Now tet's say you need specific file from lithub. git clone command will get all the file Let's say son subrithub you created a new file after you cloned the folder into your local machine. Now you just want the newly coreated file into your git copy folder/working tolder in your local machine. sgit pull

sgit pull

This command will update the git copy folder working folder with changes made on github (browser) Folder 1 > Folder 2 Monard Mism nigino dang tipe cd. . Choes one step back to the folder. Polder 1.

ennem denord M- denord tip (

Let's say you are creating folder in your local machine

Let's say you are creating folder in your local machine and want to upload it to git repository You have to create file/folder in Cocal machine. at the state of denord and mary sprens git winit how the mond will add git tile into the This file will be added to the folder and whatever file is within that folder, those will be marked with 'U' (untracked) Now you can either add file one by one using -> To add all the file within the folder all at once. "changes to be committed status, meaning all the file will be moved to ban staging " dever bolls" me times tip o

Now Sigit "commit fings" menage "of por silot This command will commit all the modification If we have push from total machine, we kneed origin but 2) Get the origin link. willow look to way it This command will connect to github repository

Now run

-> git branch => To get branch name -> git push origin main branch name! You can change branchname branchname → git branch -M branchnance want to uplead it to git branches and the dead machine of the list of branches and the of the land of the pranch of the land o To change from one branch to another branch be all of Miller branch by which be -git cheekout branchname for want to work? Creating a new branch: I bebo d now it will so you will so navigate to new branch. add the new branch to Staging area and then to git

git add . All modification will be moved to
staging area. -> glt commit -m "Added new branch" => All modif. will be committed

To push the new branch into git: -) git push oxigin nunbranch. Now to merge the new branch to main branch ? Raising a pull req. Creating pull requests: Pull request on Crit -> . Cor Select the branches -> Crives invessage, Eduscription -> Create pull requi User will be notified with pull seq, user can

click on merge button -> Confirm merge.

(clock will be many) To merge the request (clode will be uneged with main pranch wish Now Met's say werd working on branch 1 user 2 working on branch 2. Now both the users have created branches from "main"

New both started working on same line of code," In this case, if both the users have created pull requests for murge. While the reviewer can muge one branch with main without issue, but if trèes to meige the next loranch to main, then conflict arises as both the loranches contain changes on same line of code. Chick on lesolved ballon now uses an a

who the new branch july git. "Main Janordoner myres dang diper branch city: null user 2 " user 1 branch 1 branch 2 lity: bangalore city: chennai 1002 (5) Pull request 1 not guest pull request mage the request Meeging:

Main \_ : Pull request 2 \_ branch 1 (Success

spens my job \_ notted spens not Main 2 Pull request 2 2 branch 2 (Conflict ( In this case user have to elicleron Tresolve solvent Once the user clicks on cresolve conflict button, user can review both the changes on screen
eq: >> branch 1 Lity: Chennai with thod fi suss with should be sussed with the spream of shouper while the reviewer carologues: ptill branch with Voer can keep the code they want to merge and delete

sest of it was a suit and a spread mother of the series and delete

29' city: Chennai Click on [lesolved] button, now user can mêge the wo