Git To check if git is installed or -- global user name "My Name" -- global user. email "email @gmailcom git config -- list Github

The Clone - Cloning a repo on own local machine git done < some link > He Status - displays the state of git status -> Taise hi hum apre code ko modify karte hai, waise hi hume 2 stepts follow kame hote hai. add -> commit Types of Status -1) unfracked - new files (git doesn't track jet)
2/2 modified - changed
3/2 staged - files are ready to commit
4/2 unmodified - unchanged.

(modified) new file add (staged) commit (unchanged) FAdd - adds new or changed files in your working directory to the Gil-staging area. get add < file name) MAN OR VINE MAN git add. To add all fles? The Commit - it is the record of change git commit on "some message"

push - upload local repo content to remote repo. get push origin main. remote github branch ka ndam (can be changed) Main cmd git remate add origin < link > git remote - v (to verify remote) git branch (to check branch) git branch -M main (to rename branch) git bush origin main.

Whenever we create a new repo locally, rehouse it means it's not git repository. When we lit git init, and then -a, it will whow I Create a Gittub repo from Terminal gh auth login [Login using Gittlub CL] gh repo create your-repo-name -- bublic -- source = -- remote = origin -- bust - public can be changed to -- private source =. means the coverent directory -- bush will push all the code instantly

NOTE: Instead of writing git bust clone

Fight Branches -# Branch Commands git branch (to check branch) git branch - M main (to rename branch) git checkout (- branch name -) (to navigate) git checkout - b K-new branch name ) (to create new branch) git branch -d <- branch name -(to delete branch) Note: I've branch pe ho, usko delete nahi kan sakte mahi toh escross avayego. More to a newery

# Rush a Branch. \* feature \_ 1 git add. get commet -m "New features" git push origin feature-1 # Menging Code: 1 Way 1:
get diff (-branch name -)

(to compare commits, branches, files & more) git merge (-branch name -)
( to merge 2 branches) Way 2:- (Using Github) O Create a PR. (Pull Request)

H pull - used to fetch and download content from a remote repo and immediately update the local neps to match the content git pull origin main, - Resolving Merge Conflicts: An event which takes place when git is unable to automatically resolve differences in code between two commits. II Undoing Changes -- staged changes 1 git reset (-file name ) get reset To add huye par commit ratio huge)

Case 2 - committed changes Gor I commit git reset HEAD Use git log to check all commits. > Case 3- committed changes (for git reset (- commit hash -) reset -- hard (-commit hash-)

Fork - To make a rough copy to merge commits on your & forked repo to the official one & creat Note - Do not create unnecessary PRS. Always add something useful and then create a PR to become a contributor. Your commits can be seen by everyone who has your Github boofile.