

E Change / New File [modified ([Untracted) 6. 6. 6 add (staped) 6 commit (unchanged) C,-* Add & Commit * 6 add - adds new or Changed files in your working 5 directory to the Git Staging Area. C, -> Bit add < file name > 3 --- to add fingle file C - Si+ add . or \ --- to add our files C,_ - git add - A C C Commit: It is the record of change 0 -> git commit -m " some message" 0 * Push command: Push upload local sepo content to semote sepo. 0 -> git puch ondin main/ master ax Init command: 5 init - Used to create a new sit repo 9 9 مانعت +in → عدد of git remote add origin < lint> 5 -> git remote - v (to verify remote) 5 (to check pranch) 9 -> Oit branch -M main (to rename branch) 5 -> git pust origin moin

NOTE: IF We used Push command with upstrem (-4) like git at PUSh -4 origin main. It means we have to push an never Local Files or code in same (origin main) branks so after that we don't need to write origin main in push command Just write) - | gi+ Puch * workflow? Local git Giithub Pepo 4 clone 4 changes add Commit PUSL Feature -Cz Commit 1 master

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merge point

-> git branch (to check Branch) → git checkout <branch name > (to Navigate) one promoter c -> git branch -m main (to rename Branch) -> git checkout -b < new branch name? (to create New branch) → Bit pranch -q < pranch name > (+0 qeiete pranct) * menging code way 1 Bit diff < branch name > (to compare commits, branches, Oit merge < branch name > (to merge 2 branches) way 2 (reate a PR (pun request)

* puu Request.

It were you tell others about changes you've pushed to branch in a repository on GritHub.

* pull Command :

-> git pull ongin main

used to fetch and download Content from a remote nepo and immediately update the local nepo to match the content.

mense conflicts resolveng x:

An event that takes place when Git is unable to automatically resolve differences in code between two commits.

- 1) PR
- 2) git morse

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& Undoing Changes !

Case +: Staged Changes (add)

- git rebet < file name >
- Dit reset

case 2: committed changes (for one commit)

→ 8i+ reset HEAD~1

Case 3: Committed Changes (For many commits)

- a) git reset < commit hash?
- -> Bit reset -- hard < commit hash>

* Fork :

A Fork is a new repository that shares code and visibility setting with the original responsers.

Fork is a rough copy,