

Git & Github

Git, Github, Gitlab, bitbucket

★ `ls -a`

↳ uses for seeing hidden files in linux

★ `rm -rf .DS_Store`

↳ remove the file .DS_Store

★ `git restore --stage names.txt`

↳ uses for tracking to untracking area files.

→ Each commit is built on another commit because hash Id that's why we can't delete a commit in middle.

* `git reset commitId`

↳ this command will delete all commits on top of current selected commit Id.

↳ deleted commits are in unstaged area.

* `git stash`

↳ will save all changes that are in current working commit and delete temporarily. Whenever we want these changes, then we can get back. (stored in a clipboard like)

* `git stash pop`

↳ will get back changes from stash area (clipboard of git) to staging area)

* `git stash clear`

↳ will delete changes permanently from stash area and we can't get back these changes to staging area.

→ this means working with URLs.

* `git remote -v`

↳ this will show all the URLs attached with folder (repository)

* git remote add upstream
↳ uses for adding URL from where I have forked this repository.

* git branch Ahmad
↳ uses for creating new branch with name Ahmad.

* git checkout -b Ahmad
↳ uses for creating new branch and also moving to that branch as well.

Upto 45:49 min

04 Lec

Day 02

→ git push origin kunal

↳ valid command for because origin is my own account

→ git push upstream kunal

↳ invalid access, because upstream is not my account URL. It is forked repository's account URL.

Note:

In simple language, one pull request means one branch, one

branch can only open one pull request.
→ One branch associated with one pull request.

→ Never push on main branch because of pull request.
→ concept not cleared yet.

i) **git fetch --all --prune**

↳ fetch all branches from upstream url.

ii) **git reset --hard upstream/main**

↳ reset the main branch of by origin to the main branch of upstream.

origin: URL of my account

upstream: URL of forked repository's account.

Same As

• **git pull upstream main**

→ fetch and merge all changes from main branch of forked repository's account

→ Create pull request to Kunal project

Very important command

git rebase -i ^{→ interactive environment} commitHash

pick commitId } S means squash. Squash
S commitId } commits will be merge
S commitId } in first pick commit.
pick commitIs

git reset --hard commitHash
↳ this will delete selected
commit's Hash's commit.

