

Github

① Create a repository

⇒ if i want the url to be attached to my ^{local} project, then

⇒ `git remote add origin (url)`

means the name of url.

⇒ `git remote -v` (this will show me all the urls. in the folder)

⇒ `git push origin main` (push the code to the folder)
 ~~Branch~~

② Branches

Let create four files and commit them.

While resolving a bug or something else always create a branch.

⇒ Never commit on main branch. Create a separate branch and commit on that.

⇒ `git checkout feature branch`

→ `git commit`

→ `git commit`

→ `git checkout main`

→ `git commit`

→ `git merge feature`

⇒ if i want to push the new commits to master branch, then
git push origin master.

Working with existing project:-

- (i) fork it
- (ii) git clone (url)
- (iii) cd ...
- (iv) cat readme

from where you have forked the project is known as upstream url.

⇒ git remote add upstream (url)

⇒ git remote -v

→ vi readme.md

→ git status

⇒ git branch pramit (it will create a new branch)

⇒ git checkout pramit (now my head is pointing to this branch)

→ git add.

→ git commit -m " "

⇒ git push origin pramit (Don't do upstream, because you do not have the access of the org)

⇒ on github - open a pull request now.

⇒ Fork is not updated.
do fetch upstream

⇒ git checkout main

→ git fetch --all --prune

Those files which has been
deleted will also be fetched.

→ git reset --hard upstream/main

(reset the main branch
of my origin to the main branch of
upstream)

→ git push origin ~~master~~ main.

⇒ git pull upstream main (you can pull)

→ git push origin main.

Merge Conflicts:- (When both of you make changes and pull request in same line) resolve it.

⇒ git branch temp

→ git checkout temp.

→ create some files

→ git add .; git commit -m " "

i want to merge all this in a single commit.

⇒ git rebase -i ~~hashid~~ (hashid)

↘ means interactive environment.

now i can pick/squash.

just write s before hashid (for squash)

pick hashid 1
s — 2
s — 3 } These three will be in one commit.
These two will be merged
pick — 4
in above pick.