

Git & GitHub :-

git init → To maintain a git repository and history.

git add → All untracked files are added.

git status

git commit -m "Message to be given"

git reset CommitHashId

↳ all commits after this are uncommitted.

unstaged

staged

Committed --> Commit.

--> on the stage to be committed

git add

git remote add origin url.
adding url
↓
Custom name for url,
but convention is 'origin'

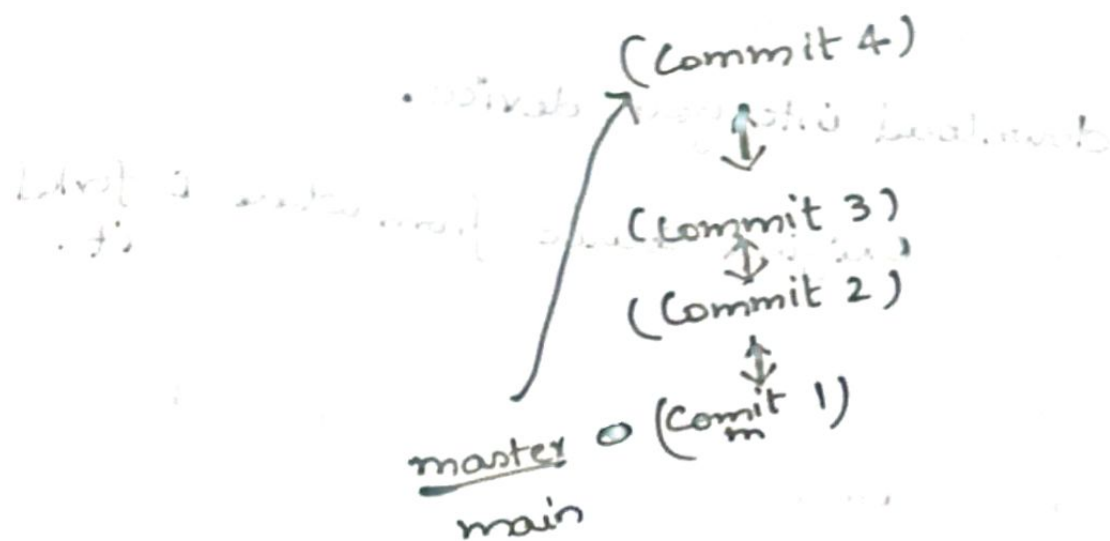
git push origin master
↓ ↓
name given for URL master branch.
push all commits made

Working with Existing Project?

"Fork" it into your account

"clone" it into your device after forking.

Normal workflow in master/main :-



Whenever you are working on a bug or a feature, always do it on another branch.

git branch "feature" → Inherits the commits of main.

git checkout "feature".

git push origin "feature" → Branch will be created

* future commits are made in this branch.

* Switch to branch

Working with existing projects :-

fork into your (github & download into your device.

upstream url :- Original source from where I forked it.

pull request :- asking a branch to be merged into the main branch.

Making forked project equal with the main project up to date

* Merge Conflict

Hands On Practice is the only way.