**Git**

git init: git initialization

git add file\_name : Add file in staging

git add . : add all file in stage

git commit -m “message” : All file will be committed

git checkout ‘file\_name’ : File will be recover from last commit

git checkout -f : All file will be recovered from last commit

git log : Show all commit

git log -p -5 : last 5 commit

git diff : will compare working tree with staging area

git diff --staged : will compare staging area with last commit

git commit -a -m “message” : skip staging area and directly commit

git rm --cached ‘file\_name’ : will stop tracking file, Remove file from staging area

git rm ‘file\_name’ : Remove file from staging area and working tree(Hard disk)

git status -s : Will track file in staging and working tree

**Branch**

git branch : list all branch

git branch login : create new branch called login

git checkout login : Switch to login branch

git merge login : will merge login branch and master

git checkout -b signup : Will create new branch signup and switch into sign up branch

git commit --amend -m “new commit message” : Change commit message

**Github**

gir remote add origin <https://github.com/dhainiksuthar/github-learn>

git remote -v : Will return origin url

git push -u origin master : Will push on origin

**Change commit message**

if it is recent commit

git commit --amned -m “message changed”

**Rebase Branch**

git rebase master

git rebase feature

<https://www.youtube.com/watch?v=f1wnYdLEpgI>

**Remove some commit from feature branch.**

<https://www.youtube.com/watch?v=xI6c-svQxBY>

git reset “Commit\_id” (Will reset all the changes up to this commit locally)

git push origin master -f (Will push on github)

**How to merge one feature branch commit with master branch**

git cherry-pick commit\_id

**Cherry pick**

<https://www.youtube.com/watch?v=yw-qkJs4py0>