

Github Guide

`git init`

initialize a repository

`git remote add origin <path to the remote repo>`

link to the repo online

`git push -u origin master`

push to the new repo

`git pull origin master`

pull the repo

`git diff <HEAD>`

to see the difference of our most recent commit

`git status`

check the current state of our project

`git add <XXX.....>/git add -A`

make changes to files

`git rm <...>`

remove files

`git diff -staged`

the changes just staged

`git reset <...>`

unstage files

`git checkout -- <...>`

change back to files how they last commit

`git commit -m "<version name>"`

commit the changes

`git log`

to see the journals of the commits

`git branch`

show the current available branches

`git branch <branch name>`

create new branch

`git checkout <branch name>`

switch to branch

`git merge <branch name>`

merge branch to current branch

`git branch -d <branch name>`

delete a branch

`git push`

push the changes