**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