Git Basics:

git init -> will create a new local GIT repo

git clone -> is used to copy a rep

git add -> add a file as it looks now to your next commit (stage)

git commit -> will create a snapshot of the changes and save it to the git directory

git push -> push local changes to the remote repo

Git Branching and merging:

git branch -> will list your branches

git checkout -> switch to another branch and check it out into your working directory

git merge -> will merge the specified branch's history into the current branch

git log -> show all commits in the current branch's history

Make a change:

git status -> list new or modified files not yet committed

git diff -> list down changes and conflicts

git add [file] -> stages the file, ready for commit

git reset [file] -> unstages the file, keeping the file changes

git commit -m "[descriptive message]" -> commit all stages files to versioned history

Synchronize:

git remote add <name> <url> -> create new connection to remote repo

git fetch -> get all the changes from the origin (no merge)

git pull -> get all the latest changes from the origin and merge

git push -> is used to upload your local repo changes to the original remote repo