**Git Commands**

**git –version**

It shows the version of git installed on your machine.

**git init**

It will initialize the project folder into a “git repository”.

**git status**

It shows which files/folders have been modified.

**git add .**

It will add your changed files to the git staging area to be ready for commit.

**Note:** You can also add individual files by git add “file name”.

**git commit -m “msg”**

It will save your changes to your local repository.

**git push**

It will push all your local changes to the remote github repository.

**git pull**

It will pull all the updated code from the remote branch and merge it with your local branch.

**git log**

It will list down the entire commit history, which means all commits that made till now.

**git branch “branch name”**

It will create a new branch in your local git repository.

**git branch**

It will list down all the local branches that you have created.

**git branch -a**

It will list down all branches “local branches + remote branches”.

**git branch -d “name”**

It will forcefully delete a specified local branch “even if the changes are not committed”.

**git checkout “branch name”**

It will switch between local git branches.

**git stash**

It will temporarily remove the changes that you have made on the working tree.

**git stash pop**

It will get the stashed changes back to your branch.

**git remote**

It will give you the name of the remote repository.

**git remote -v**

It will give the name as well as the url of the remote repository.

**git reset --soft HEAD^**

It will remove the last commit.  
**Note:** There are three types of reset in git,

* **soft:** uncommit changes but changes will be left in staged changes.
* **mixed:** uncommit and unstage changes, changes are left in working tree.
* **hard:** uncommit, unstage and delete changes, nothing left.

**Note:** If you need to reset a specific number of commits you will use: git reset –soft HEAD~2.

**git cherry-pick “commit number”**

It will commit the whole changes from a specific commit to another branch.