GIT Commands with explanation

* Git init

Create new git repo on local

* Git clone <link of remote repo>

Clone existing git repo on local

* Git remote add origin <link of remote repo>

links the remote repository to local one using reference name as origin

reference name can be anything

* git status

To know the branch you are on and status of files in working directory and index for that branch

* git add <file/folder>

To add that files or folders to the staging area/index

* git add .

To add all files and folders to the staging area/index

* git commit -m ""

To commit the file and move it from staging are to local repo

Message is compulsory

* Git commit –a –m “”

-a adds all modified previously tracked files to staging area and then commits them

* git push origin master

pushes changes from local repo to remote repo for branch master

origin is reference used for remote repo

master branch to be pushes

* git branch

list all branches and highlight the current branch

* git branch <branchname>

just create a new branch do not switch to it

* git branch –d <branchname>

delete the branch, will show the unmerged changes before deleting

* git checkout <branchname>

switch to this branch

if the branch does not exist create it and switch to it

* git stash –u

keep all uncommitted files while keeping working directory clean

* git stash list

list all stashes

* git log

To see the commit history for the branch

* Git merge <source branch name> (The current branch should be the destination)

Merge changes of source branch with destination