Git Commands :

#sudo apt-get install git ( to install git on Ubuntu machine)

# git clone (clone from the the github account)

# mkdir demodir ( make a directory where do you wan to initialize your git )

# cd demodir

# git init ( to initialize the git)

# git add . (to make chages to the local directory)

# git status (to see the status of the file)

# git commit –m “messese before you commit the changes)

# git remote –v ( tosee where do you want to make a changes in your git account)

# git push origin master or origin branchName ( to push your changes to your git account)

# git pull ( to pull the changes from the git account)

# git branch –a ( to see the all the branches on the account)

# git checkout –b ( name of the branch to create and switch to the same branch)

#git checkout master ( switch back to the master account)

Quick Setup before you begin with Git -

$ git config --global user.name "User Name"

$ git config --global user.email "User Email"

$ git config --global color.ui true

$ export EDITOR="vim" # Optional

$ git config --global diff.tool "vimdiff" # Extra optional

Reading the log - Cleaner Tree Log Overview

$ git log --oneline --graph

Listing the change summary

$ git log --stat

Seeing Actual Code Changes

$ git log -p

Finding what you have been upto

# The total number of commits by an author

$ git shortlog -nse --author=kmlchauhan@gmail.com

# The total number of commits by an author in the last year

$ git shortlog -nse --author=kmlchauhan --since="1 year ago"

# A list of commits by an author in the last year

$ git log --author=kmlchauhan --since="1 year ago"

Seeing into the past

$ git show <commit-id>

$ git show my\_branch # Can be branch, tag or whatever.

Branches – Viewing

# All the branches (including remote)

$ git branch -a

# Use "git fetch -p" to clean up stale remote branches Manipulating

# Applying a commit from a different branch

$ git cherry-pick 80f122437d

# Change the url of the repository

$ git remote set-url origin ssh://git@newserver.com/repo.git