// add all files to from working directory to staging index(git add .)

Git add .

// remove all files from staging index

Git reset

// add or commit files from staging index to repository

Git commit –m ‘messege goes here’

// add and commit directly to repository

Git commit –am ‘message goes here’

// show difference between working directory and repository

Git diff or git diff <filename>

// show difference btwn stagin index and repository

git diff --staged <filename>

// delete file by using git command

Git rm <filename>

// rename file using git command

Git mv <filename> <filename> (git mv first\_file.txt primary\_file.txt)

// wana edit last commit message or want to add something new to the last commit without making new commit

Git commit –-amend –m ‘just editing the last commit’

// Retriving old version of file or go back to previous commit

Git checkout <commit sha> -- <filename> (filename for specific file)

// comparing commits

Git diff <commit sha> (shows the working directory difference between commit at that point and present state)

Git diff <commit sha>..<commit sha> (shows diff between two commits)

Git diff <commit sha> <filename> (to see diff for specific file)Git diff –w <commit sha>..HEAD ( -w for ignoring all space changes –b for ignoring single space changes)

//Branching

// check branch

Git branch (show all available branch)

// create new branch

Git branch branchName

// switch branch

Git checkout branchName

// create and switch at the same time

Git checkout –b branchName

// Compare branches

Git diff branchName..branchName or Git diff –color-words branchName..branchName