Git Commands :

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| **Action** | **Command** |
| To check git version | git --version |
| to check which directory you are in | pwd |
| - to change to home directory | cd ~ |
| to list a directory | ls |
| To set the user name | git config --global user.name “your name” |
| To set the user email | git config --global user.email “your email” |
| To see the configuration | git config --list |
| to clear the screen | clear |
| to check one configuration eg, email | git config user.email |
| to get help | git help |
| if you want to learn more about a topic eg, commit (a browser will open) | git help commit |
| to create a git repository | git init |
| to see hidden files in the git folder | ls -la |
| to add all changes to the staging | git add . |
| to commit all files in the staging area to repository | git commit -m “your massage” |
| To view commit history | git log |
| to view commit from one person | git log --author= “Ahmed” |
| To check status | git status |
| to add a particular file to the staging area | git add filename.ext |
| to view difference between the folder and repository | git diff |
| to compare files between staging area and repository | git diff --staged |
| to delete a file (but not to commit) | git rm filename.ext |
| to rename a file | git mv oldname.ext newname.ext |
| how to move a file to a new folder | git mv oldname.ext foldername/newname.ext |
| To add and commit at the same time | git commit -am “Massage” |
| To bring back files from repository and make it your working copy | git checkout -- filename.html |
| How to unstage files | git reset HEAD filename.ext |
| To get old version from the Repository using Commit id (you do not have to enter the whole id number) | git checkout commitID -- filename.ext |
| To set up a remote between your local and remote github server | git remote add projectnickname projectname github url  eg,  git remote add pytest https://github.com/username/pythontest.git |
| to check which remote project we have | git remote |
| to push files into remote git hub | git push -u projectname master  eg,  git push -u pytest master |