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| **Commands** | **Use** |
| $ touch index.html | Touch will create a file |
| $ git init | Will initialize git for your repository |
| $ git config –global user.name ‘Jai Chaturvedi’ |  |
| $ git config –global user.email ‘jai@gmail.com’ |  |
| $ git add index.html | Will add index.html file to repository |
| $ git status | Will tell the status of repository |
| $ git rm –cached index.html | Will remove file from repository |
| $ git add \*.html | Will add all html files in staging area |
| $ git add . | Will add all the files |
| $ git commit | Wiil commit the repository.   1. It will open an editor 2. Press I to start typing in editor and give some comment 3. Press Esc 4. Type :wq to save and quit 5. After that a message will be displayed(committed files) |
| $ git commit –m ‘some message’ | This will skip all above steps to give message to commit |
| $ clear | Clear screen |
| $ touch .gitignore | Will create a .gitignore file. All files added to .gitignore will not be committed to the repository. Content of .gitignore file:-   1. Log.txt :- will ignore file log.txt 2. /dir1 :- will ignore folder dir1 3. \*.txt :- will ignore all text files |
| $ git branch login | Will create a new branch from master.  Branch are used to work in parallel. So that master branch will not be affected for each and every change. Once a task (say creating a login page) is completed then it is committed to master branch. |
| $ git checkout login | Will checkout and switch to login branch. |
| $ git checkout master  $ git merge login | Will checkout master.  Will merge login branch to master. |
| $ git remote add origin https://github.com/jaichaturvedi88/git-tutorial.git | Will add |
| $ git push -u origin master | Will push to the repository |
| $ git checkout – filename | Will overwrite all local changes from the server file |
| $ git push | Will push all further changes which are committed |
| $ git clone https://github.com/jaichaturvedi88/git-tutorial.git | Will clone someone’s repository into your system |
| $ git pull | Will pull someone’s changes (if 2 people are working) |
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