**Git & GitHub**

**Git:** It is a distributed version control system.

**GitHub**: It is platform online website. That allows to host git repository.

**Repository**: It is just folder. We all the changes are saved.

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| Ls | List of current directories. |
| Ls -a | List of current directories with hidden files. |
| pwd | present working directory. |
| Git init | Initialized empty git repository. |
| Mkdir ‘ ‘ | Create a folder (Ex: mkdir amar – created amar folder) |
| Git status | Showing modified files |
| Git add . | All files added at a time |
| Git add ‘ ‘ | One file add |
| Touch ‘ ‘ | Create a file (Ex: touch name.txt – create name text file) |
| Vi ‘ ‘ | Open file and insert any text you want (Ex: vi names.txt)  [after open a file press (i) edit text]  [exit the file – press Esc and :wq] |
| Git clone path | Retrieve an entire repository from a hosted location via URL |
| Git commit -m ‘ ‘ | Commit over files (here ‘ ‘ inside text. i.e over description) |
| Rm ‘ ‘ | Delete the files (ex: rm note.txt) |
| Git remote -v | List of over URLs |
| Git branch -r | List of over branches |
| Git branch ‘ ‘ | Create a new branch (Ex: git branch amar) |
| Git checkout ‘ ‘ | Switch to another branch (Ex: git checkout amar – here switch master to amar) |
| Git remote add upstream path | Create a new connection to a remote repository. |
| Git origin push master | Push the branches. |
| Cd ‘ ‘ | Switch to the directory. (Ex: cd NewFolder) |