GIT commands:

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| Command | Description |
| git –version | To get the git version |
| git init | To create a repo locally |
| git status | To view the repo changes |
| mkdir sample\_project | Creates a new empty repo with the given name ‘sample\_project’ |
| git add . | To add files in the local repo (‘.’ To add all the files add ‘.’, to add specific file add ‘file\_name’) |
| git commit -m “added test git .py file” | Committing the changes to the repo |
| git log | Log details of the author and timestamp on when the commit was made |
| git checkout -b ‘branch\_name’  git checkout master | 1. To create a new branch from the current branch 2. To switch to master branch |
| git branch | List the current branch details |
| git merge ‘branch\_name to merge’ | To merge the branch to main branch   * To merge, first move to the branch which is merged with * Then merge the branch with the old branch |
| git remote add origin https://github.com/IshwaVen/sample\_project\_git | Link local git to github |
| Git push -u origin master | To push local git data to github |
| Git pull origin master | To pull the changes to local git |
| git ls-files | Lists all the files in current branch/working directory |
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* **FORK – To work on somebody’s code in repo- all the repo contents will be copied to self’s account.**
* Keyword origin – means cloud (github)- https://github.com/IshwaVen/sample\_project\_git

Revise: In order as it is taught by Bhupendra Parihar

git init

git status

git add .

git add <file\_name>

git commit -m "MEssage for commit"

git branch

git checkout -b <branch\_name>

git checkout master

git merge geometry

https://docs.github.com/en/get-started/importing-your-projects-to-github/importing-source-code-to-github/adding-locally-hosted-code-to-github

1. Stage and commit all the files in your project.

git add . && git commit -m "initial commit"