**GIT and GITHUB**

**Basic commands**

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| Commands | Description |
| * git init | It is used to create a new Git repository. |
| * git remote add origin (https/ssh link) | It is used to add a remote origin to the local machine. |
| * git pull origin master/main | It will pull the repository from the github to the local machine. |
| * git add <file\_name> | It is used to add the files to the index. |
| * git add --all | It is used to add all the files to the index in single short. |
| * git status | It is used to check whether the files are added to the index. |
| * git commit –m | It is used to give the commit to the files that are in the index. |
| * rm <file\_name>… | It is used to remove the files. |
| * git restore –staged <file\_name> | It is used to restore the file from the index. |
| * git branch <branch name> | To create a branch |
| * git branch | To list the branch |
| * git branch -r | To list all the branches that are in the remote |
| * git branch –a | To list all the branches that are in both the remote and local repo. |
| * git branch –d <branch name> | To delete the branch that has been create. |
| * git checkout <branch name> | To switch to a branch. |
| * git push origin master/branch | It is used to push all the files back to the github repo |
| * git push –u origin master | Update the local repository in the machine and then push the repo to the github. |