**GIT COMMANDS AND THEIR USES:**

| **Command** | **USE** |
| --- | --- |
| git init | Initialize a local Git repository |
| git clone repo\_url | Clone public repository |
| git clone ssh://git@github.com/[username]/[repository-name].git | Clone private repository |
| git status | Check status |
| git add [file-name] | Add a file to the staging area |
| git add -A | Add all new and changed files  to the staging area |
| git commit -m "[commit message]" | Commit changes |
| git rm -r [file-name.txt] | Remove a file (or folder) |
| git branch | List of branches (the asterisk  denotes the current branch) |
| git branch -a | List all branches (local  and remote) |
| git branch [branch name] | Create a new branch |
| git branch -d [branch name] | Delete a branch |
| git branch -D [branch name] | Delete a branch forcefully |
| git push origin --delete [branch name] | Delete a remote branch |
| git checkout -b [branch name] | Create a new branch  and switch to it |
| git checkout -b [branch name] origin/[branch name] | Clone a remote branch  and switch to it |
| git branch -m [old branch name] [new branch name] | Rename a local branch |
| git checkout [branch name] | Switch to a branch |
| git checkout - | Switch to the branch  last checked out |
| git checkout -- [file-name.txt] | Discard changes to a file |
| git merge [branch name] | Merge a branch into the active  branch |
| git merge [source branch] [target branch] | Merge a branch into a target  branch |
| git stash | Stash changes in a dirty  working directory |
| git stash clear | Remove all stashed entries |
| git push origin [branch name] | Push a branch to your remote repository |
| git push -u origin [branch name] | Push changes to remote  repository (and remember  the branch) |
| git push | Push changes to remote repository(remembered branch) |
| git push origin --delete [branch name] | Delete a remote branch |
| git pull | Update local repository to the  newest commit |
| git pull origin [branch name] | Pull changes from remote  repository |
| git remote add origin ssh://git@github.com/[username]/[repository-name].git | Add a remote repository |
| git remote set-url origin ssh://git@github.com/[username]/[repository-name].git | Set a repository's origin branch  to SSH |
| git log | View changes |
| git log --summary | View changes (detailed) |
| git log --oneline | View changes (briefly) |