***GIT COMMANDS***

|  |  |  |
| --- | --- | --- |
| **COMMANDS** | **USE** | **SYNTAX** |
| clone | To clone or copy an existing repository from github to the local server. | git clone <link> |
| status | It displays the state of the working directory. It shows which changes have been staged, which haven't, and which files aren't being tracked by Git. | git status |
| add | It adds the file to the staging area.Later on this area would be used to commit files. | git add file\_name |
| commit | Commits changes to the local version system and not to the remote server. | git commit -m ‘msg’ |
| log | Shows the log and commit id of all commits  history | git log |
| push | It is used to push the changes from local server to remote server(i.e. github in this case) | git push |
| revert | It is used to undo committed changes | git revert<commit\_id> |
| reset | It is used to reset the repository to a given commit | git reset -- hard<commit\_id> |
| branch | It creates a new branch | git branch <branch\_name> |
| checkout | It helps to switch branch from current to specified | git checkout <new\_branch> |
| merge | It merges branch to the current branch | git merge <new\_branch> |
| rebase | It is also used to integrate changes from branch to current branch. | git rebase <branch\_name> |