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| Command | Description |
| Right click the folder and open git bash to add all files in the folder to Github | |
| Git init | Create an empty folder, go to the folder in command prompt.  This initializes this folder as empty git repository. Create a .git folder inside to track changes. |
| Git add <file> | Add changed file to stage area, Also called Index |
| Git add . | Add all changed files to stage area, also called Index |
| Git commit -m "comment" | To commit change to repository |
| Git status | To see what has modified. |
| git remote add origin http://github.com/rajni855/rajnigit.git | Set alias for the github or bitbucket repository  origin is the alias name and http path is path to the repository. Origin is used commonly as alias name. |
| Git push origin master | To push changes from local to remote repository.  Origin is alias for the remote repository. |
| Git pull origin master | To pull latest version from remote to local repository |
| Git branch branchname | To create a branch from master |
| Git checkout branchname | To make that branch as active branch for change in code |
| Git branch -d branchnam | Delete branch |
| Git branch -a | List of all the branches |
| Git clone "put url path of remote repo" | Makes copy of remote repository in new folder |
| Git remote -v | Gives list of push and pull url for remote repo.  When use clone command. it automatically creates this urls. But you need to verify using this command. |
| git branch -m oldname newname | Rename branch |
| Git checkout branchname  Git merge master | To merge changes from master to branch  First checkout branch the merge with master |
| Git checkout master  Git merge branchname | This is to merge changes from branch to master.  First checkout master branch  Then merge branch to master  Before merging its advised to pull master from remote repository, so that its sync with the local.  Then if you have merge conflict you will get it  If there is a conflict that it will show the file with issue in master. fix the issue. git add, git commit in master. then push to remote repository |
| Git push origin master gives error that there is conflict and push action has been aborted, to resolve  Step 1 - First run pull command to get the merged changes in one place.  Git pull origin master  Step2 - Then after manually making the changes, add file to stage area  Git add <file>  Step3 - commit file to local repository.  Git commit -m "merged changes"  Step 4 - Push merged change to remote repository.  Git push origin master | |
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