**Git Sheet**

1. To check status of file

**git status**

1. To add files into staging area

To add all files:- **git add .**

To add any files:- **git add “filename”**

1. To unstage files

**git restore –staged “filename”**

1. To commit stages

**git commit –m “any message”**

1. To restore anything

**git restore “filename”**

1. To see git history

**git log**

1. To delete any commits

**git reset “hash of that commit**”

1. To delete any file

**rm -rf “filename”**

1. To stash (get changes to backstage- not to commit nor to loose changes) after staging

**git stash**

To get that changes back:- **git stash pop**

To clear/delete stash changes permanently:- **git stash clear**

1. To connect local pjct with github repo

**git remote add origin “Repo URL”**

1. To see how many repos are connected with your local pjcts

**git remote –v**

1. To push your changes to github (after commiting)

**git push origin master**

1. To create new branch

**git branch <branch-name>**

1. To switch to created branch

**git checkout <branch-name>**

1. Create & immediately switch to new branch

**git checkout -b <branch-name>**

1. pushing a new branch, this creates an upstream tracking branch with a lasting relationship to your local branch

**git push -u origin [branch-name]**

1. To clone forked repo in your system

**git clone “forked repo url”**

1. To add upstream (for forked repos)

**git remote add upstream “Upstream URL”**

1. Force push (If github repo contains commit that local repo don’t in such situations due to interlinked of commits force push is needed!)

**git push origin “branch name” -f**