GIT by Hareesh Borugula

Step - 1 : git init

Step-2 : git add remote origin <paste Link>

Step-3: git pull origin master

Step-4: git status

Step-5 : git add <file-name.ext>

Step-6: git status

Step-7 : git commit -m "<msg>"

Step-8: git config --global user.email "<email-Id>"

Step-9: git config --global user.name "<name>"

Step-10: git commit -m "<msg>"

Step-11: git add -A // To add multiple files

Step-12: git commit -a -m "<msg>"

Step-13: git log

Step-14: git branch <branch-name> // To create Branch Name

Step-15: git checkout <branch-name>

Step-16: ls

Step- 17 : git checkout master // To move back to Master branch

Step-18: git merge <branch-name> // To merge branch into Master

Step-19 : git checkout <branch-name> // To re-verify branch

Step-20: cat <file-name.ext> // We can check modifications

Note : git pull = git fetch + git merge

\*\*\*\*\* Re-Basing \*\*\*\*\*

Step-21 : git checkout <branch-name>

Step-22 : git add -A // Add some files

Step-23 : git commit -a -m "<msg>"

Step-24: ls

Step-25: git checkout master

Step-26: git checkout <branch-name>

Step-27: git rebase master

Step-28: git checkout master

Step-29: git rebase <branch-name>

Step-30: ls

\*\*\*\*\*\*\*\* Push to the Code into Repo , In order to go SSH\*\*\*\*\*\*

Generate SSH key :

Step -31: ssh -keygen -t rsa --> Press Enter --> Press Enter --> Press Enter

Copy above code completely

Step-32: cat <paste.id\_rsa\_pub> //\*\*\*\* Without dot we should paste here

Copy generated code and

Go to Github account--> settings --> SSH & Keys --> New SSH Key --> Name : <any-name> another column: paste generated code from step-32 --> Add SSH Key. --> refresh the page.

Step-33: ssh -T git@github.com

Step-34 : git checkout <branch-name>

Step-35: git push origin <branch-name> // refresh the page, we can found created branch.

Step-36: git checkout master

Step-36.1: git push origin master

\*\*\*\*\*\*\*\*\*\*\* Revert Back from Master \*\*\*\*\*\*\*\*\*\*

Note : Add some files under working directory.

Step-37: git add <filename.ext> // eg: abc.java

Step-38: git commit -m "<msg-1>"

Note : Modify the file which is committed and try to commit again.

Step-39: git commit -a -m "<msg-2>"

Step-40: cat <filename.ext> // eg : abc.java \*\*\*\* notice the changes\*\*\*

Step-41: git log

Note: Copy first 8 digit hexadecimal

Step-42: git checkout paste hexadecimal abc.java

Reference : GIT: https://www.youtube.com/watch?v=xuB1Id2Wxak