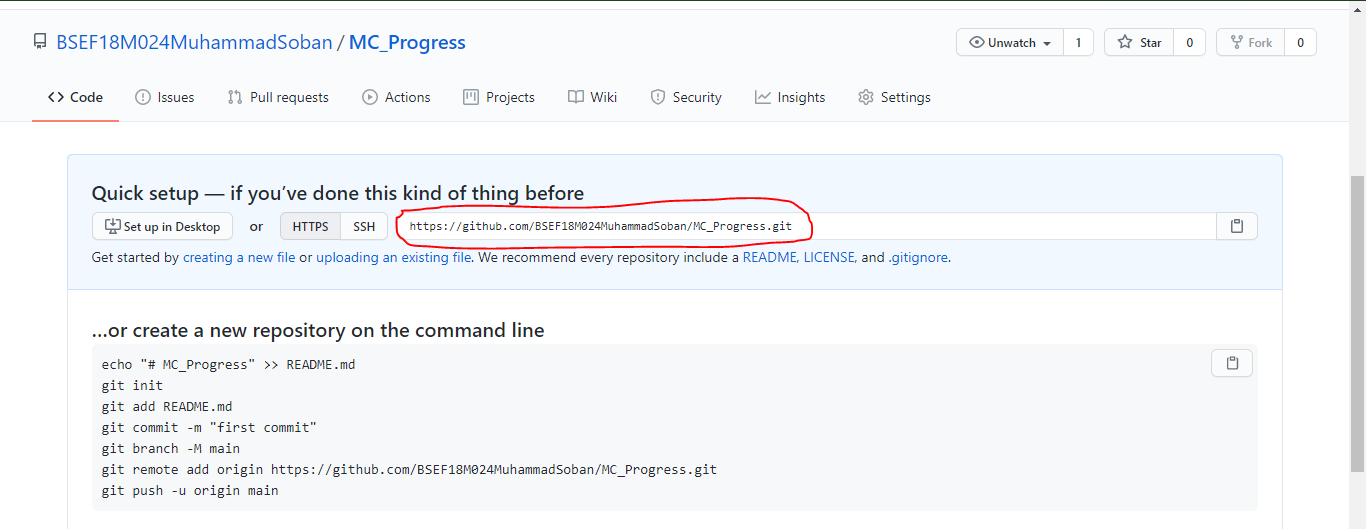
# Mobile Computing Progress

This Document include lecture by lecture progress of Mobile computing course.

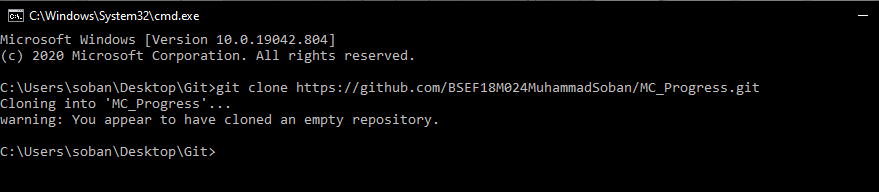
## **Lecture 1**

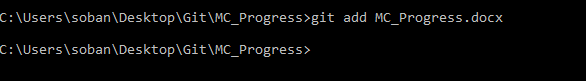
In the first lecture we discussed about importance of “Niyat” and description of “Ahsaan” in the light of Quran and Hadith. We also got introduction about Version Control System and GitHub.

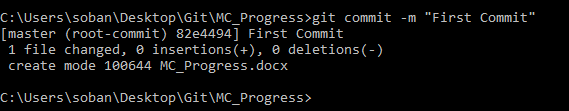
We also learned about how to create repository and get the link.

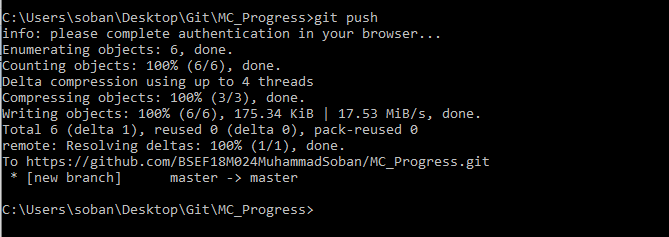
## **Lecture 2**

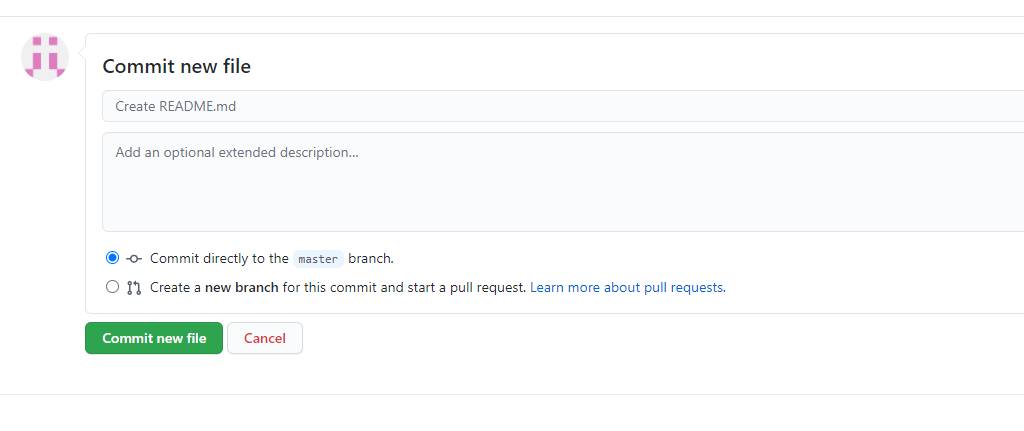
We learned some basic commands of Git like clone as shown below to get copy of master repository on your pc.

Then we add some file named MC\_Progress in local repository and below is the method to add this using git add command.

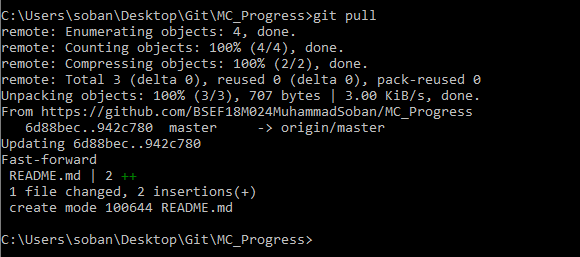
Now to commit (to make changes trackable) in local repository we use commit command as below

Now after making changes in local repository if we want to push changes in central repository, we use push command a below

and we also learned how to edit and commit files online

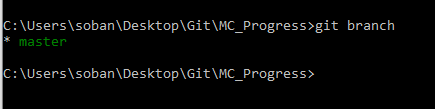


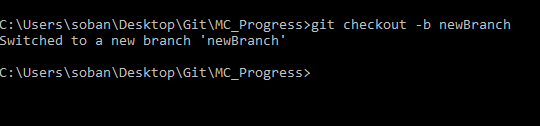
and how to pull in local repository using git pull command as shown below

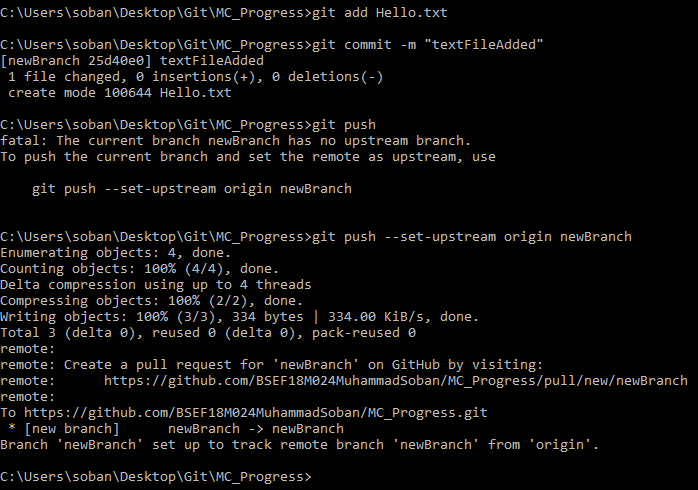


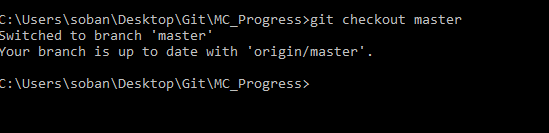
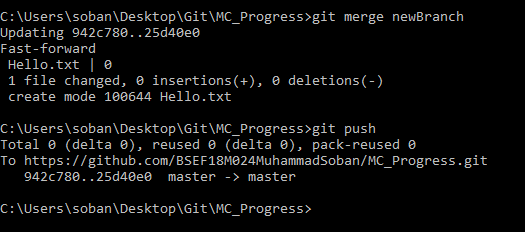
## **Lecture 3**

First of all, in video lecture sir recalled the previous learning regarding GitHub. Sir told us about merge conflict issue which occur if different people made different changes to same file. Now let’s play with git branches. To check available branches, we use command of git branch

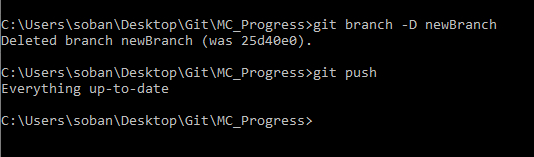
To create new branch, we use command as below

Now the controls shifted to newBranch where you can made changes and commit them as below

now to transfer control to master branch do as below

 Now we see ho to merge 2 branches

Now to delete newly created branch you can do follow

instead of directly pushing, after deleting branch you should run git add . command and then git commit and then git push to made change in online repository also.

## **Lecture 4**

### Creating First Project in Android Studio