**STEPS TO GET STARTED**

1. Create a folder where you will store all your files locally
2. Right click inside the folder and open git bash
3. In git bash type git init- this initializes your folder
4. Now you need to connect your local repo to the centralized repo on github -> you can do this through the command git remote add origin + url from github inside quotation marks. Eg: $ git remote add origin “<https://github.com/prichakrabarti/Pri_GA201807.git>”
5. Then pull in all the files from the centralized repo to your local repo – git pull origin master. To check you should now see the readme.md inside your local folder
6. Now you want to do the opposite- take a file locally created and push it to the repo. This is a multi step process. First you need to stage the file, then commit, then git push origin master command.
7. Staging files- git add “filename.extension”
8. Commiting files git commit -m “Message!”
9. Git push origin master

**BRANCHING:**

1. Create a branch by doing git branch “name\_of\_branch”
2. Then do git checkout name\_of\_branch to go inside this branch
3. Create a new file now in your local folder
4. Add the new file to your new branch- git add “new\_file.txt” – you can also do git add -A if there are multiple new files
5. Then you need to commit these files to your new branch- git commit -m “New commit!”
6. Then you need to check if its in the master- it shouldn’t be. Do git checkout master and then dir to check if the new files are in the master. Then check if its in the branch by doing git checkout branchname and do dir
7. Now you want to merge it to your master branch. First go to the master branch, since that’s the destination
8. Do git merge branchname – of the second branch you just created
9. Now do dir in the master to check if the merge worked and the new files are in the master
10. Now you have merged locally, you can push to github by doing git push origin master
11. Check github to see that it worked!