Git Cheat Sheet

Creating a new branch:
git checkout -b *branchName*

If you want to **make changes to your branch** or the code make sure you're in your new branch directory, VScode should automatically differentiate the code available for editing depending on what branch is activated within your terminal.

Activating a branch to work inside of:
Git checkout branchName

Don't ever make changes to the master branch otherwise you have to delete your local branch.
EVER.

Uploading changes you've made to github using the terminal:

1. **Git checkout master**

*// *****navigates you into the master branch because you need to make sure your version of the master is up to date before pushing and requesting a merge to master. This steps is essential******

2. **Git pull**

// makes sure your master is up to date. If not skip ahead to step

3. **Git checkout *branchName***

//You must have the branch you're uploading into activated as the branch in your terminal.

4. **Git add -A**

//Adds the files and changes you've made

5. **Git commit -m ""**

//Your description of the changes--They should make sense to other group members

6. **Git push origin *branchName***

// Pushes your changes to your branch on github

7. **Go to github. Navigate to *'group3repo'* and click on the branches tab. Find your branch and create a pull request as long as there aren't any other pending pull requests.** ...If there are then copy your added code to a text or junk file. Review the current pending pull request and approve the make changes to it so the data merges. Go to your terminal, run git checkout master and do a git pull. Now make sure the code in you branch is the same as what's in the master. Copy your added code from your junk file and modify the existing code as needed to suit your added code. *Someone else will have to approve your request before your changes can be merged with the master.* ***Once your changes are merged with the master run a git pull from the master. Instructions below.***

8. **Git checkout master**

// navigates you into the master folder

9. **Git pull**

// Pulls the new data of your merged master and overwrites the master branch locally on you computer. You need to take this step to progress and add updates to the latest version of the code.

10. **Git checkout *branchName***

// navigates you back into your branch when you're ready to add more code.