Github repository setup:

\*Note: *‘\*\*\*’* all writing italicized within single quotes insinuates user entry without the quotation marks

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1. Create a directory/folder on your local drive (preferably not within another repository folder, such as our class repository folder ; all folders and files within the hierarchy will be uploaded to the master repository)
   1. Code: *Md ‘desired folder name’*
2. Clone group main repository
   1. Code: *git clone ‘group main repository URL’*
      1. Main group repository URL: <https://github.com/nthorson2/NRES898_GroupPrj.git>
3. Go to your github account and login, then go to the following repository and click the Fork button in the upper right.
4. Setup remote for your newly created forked repository
   1. Code:  *git remote add ‘desired remote name’ ‘your forked repository URL’*
5. Setup group main repository remote
   1. Code: *git remote add ‘desired remote name’ ‘main group repository URL’*
      1. group main repository URL: <https://github.com/nthorson2/NRES898_GroupPrj.git>

At this point you have an exact copy of the Main Group repository and should be able to start working on your code. Moving forward, in order to collaborate with the group you will need to use the following steps

1. Pull all data from the group main repository
   1. Code: *git fetch ‘group main repository remote name (step 5 above)’*

*OR*

* 1. Code: *git pull ‘group main repository remote name (step 5 above)’ master*

1. Add and Commit files to memory (in order to see all files residing in your local repository, type ‘dir’ in your conda window and press enter)
   1. Code:  *git add ‘filename’*
   2. Code: *git commit -m “message descriptor of file”*
2. Push committed data up to your forked github repository
   1. Code: *git push ‘your forked repository remote name (step 4 above)’*
3. Log into your forked github repository and create a pull request.
   1. This will ask the main repository to merge updated files from your forked repository. Once they are successfully merged everyone in the group will now have access to your changes, can pull them down to their local drive, and make additional changes if necessary.