Question 2:

1. Before uploading any files to my GitHub account, I went ahead and created a specific folder in my local ESOF folder on my computer (all of my school folders are uploaded in the cloud). Once inside the folder I created (in this case I named it “Practice GitHub”), I opened the terminal in that directory and wrote git init. This created a local git repository in that specific directory I was in. In parallel with this, I also created a folder on my GitHub Account called ESOF-322. This is where I am planning on uploading all of my ESOF assignments. Once that is created on my GitHub, I copied the link for an ssh clone; I went back to my terminal and wrote git clone <ssh-clone-link>, where everything in the <> is the link I copied. Once the clone completed I checked to see if the remote repository was downloaded to my computer. From here, I copied all of my assignments into this local repository.

Once copied, I went back to my terminal and wrote the following lines:

Git add . (this is where I staged all of my changes in my local repository)

Git commit (this is where I push all of my changes to my local repository)

Git push origin master (this is where I push all of my changes to my remote repository)

Once I executed all of these lines in the terminal, I double checked my remote repository on GitHub for my pushed changes and they all appeared there.

1. For question b, I will be following the same steps as question a. Technically, GitHub has an upload function where I can simply drag all of my files onto the browser and it would upload. Although that is a faster way, I like using the way I proposed because that is how developers collaborate their code with a version control functionality.

For this question, I am uploading a python file I created. It is called example.py. I am going to push this file onto my GitHub account.

* First, I want this file in my ESOF repository so I am going to create this file in that specific directory.
* Next, since creating a file in a repository is considered a change, I want to stage the change. (You can easily check this by checking the git status with: git status). This is where I make changes but I do not commit anything yet. The terminal line is: “git add .” (I can technically write git add example.py if I wanted to stage a specific file. The period means everything in the current directory).
* Once staged, I want to commit my changes. This is where I push my changes to my local repository. I will be using the command “git commit” (I also wrote -m “committing”, where I created a message for this message called “committing”. This is great for collaboration purposes so that other developers (and yourself) know the changes you committed).
* Finally, I want to upload this to my GitHub account. I previously connected my computer with my GitHub account via ssh so I do not need to do that again; GitHub recognizes this computer. I will use the command “git push origin master”. This means that I am pushing my changes to the master branch. Once completed, I can check my GitHub account and I will see example.py on there. The screenshots for this process will be located below.



