Git -> GitHub Instructions

One thing to keep in mind is that Git/GitHub need to stay in synch. If you make changes to your local directory, you need to push them to GitHub. If you make changes to GitHub, you need to pull them into your local directory. If you make changes to GitHub, and then try and push new changes from your local directory without pulling the first change from GitHub, you will get an error message telling you just that.

For this assignment…

Go to your CSD/CSD-310 on your local machine.

Create a directory named module-1.

C:\CSD\CSD-310>mkdir module-1

Do a directory listing of your CSD-310 directory and verify the new changes.

C:\CSD\CSD-310>dir

Take a screenshot of the results.

Open up a Word document, put your name and assignment number at the top. Paste the screenshot into Word. Save the document to the new module-1 directory you made in CSD/CSD310. Leave the document open.

Go out to your repository on GitHub and take a screenshot, add it to the Word document. Save..

Time to stage, commit and push to GitHub..

1. You should always check the status of your git/GitHub. Start at the CSD310 directory. All changes will be in subfolders. At this point, you should be up to date…

C:\CSD\CSD-310>git status

On branch main

Your branch is up to date with 'origin/main'.

1. Stage: Adding files. We want all changes (new directory, new file in directory) to be staged, so instead of typing the individual filenames, we just use **one** of the following.. they do the same thing, adding all changes.

C:\CSD\CSD-310\>git add --all

C:\CSD\CSD-310\>git add -A

C:\CSD\CSD-310\>git add .

1. Check the status again, you should see files to commit.

C:\CSD\CSD-310>git status

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: module-1/Sampson-Assignment1\_3.docx

1. Time to commit. Always a good idea to add comment, or message to the commit. Helps keep track of when activity occurred.

C:\CSD\CSD-310\module-1>git commit -m "Pushing 02/19/23"

[main 013884b] Pushing 02/19/23

1 file changed, 0 insertions(+), 0 deletions(-)

1. Next, time to push the changes to your GitHub repository..

C:\CSD\CSD-310\module-1>git push origin main

Enumerating objects: 7, done.

Counting objects: 100% (7/7), done.

Delta compression using up to 12 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), 3.06 KiB | 3.06 MiB/s, done.

Total 4 (delta 2), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (2/2), completed with 2 local objects.

To https://github.com/seasprite/CSD-310.git

43d9982..013884b main -> main

1. Lastly, check your GitHub repository for the push. Might take a little time so be patient.



And looking inside the module-1 folder/directory..

