

Purpose

The purpose of this assignment is to have you practice (both individually and as a team) basic git operations. NOTE: SC is short for Screen Capture.

- create local repository (SC)
 - add a couple files to the repo (SC)
 - create another branch and add a file to that branch (SC)
 - merge the contents of that branch into master/main branch (SC)
- create an account on GitHub
 - create an empty repo on GitHub (SC)
 - copy (push) contents of local repository to empty repository on GitHub (SC)
 - add a file to the repo on GitHub then pull that file to your local machine (SC)
 - add another file to your local repo and push that to GitHub (SC)
 - create another repo on GitHub and clone it to your machine (SC)
 - invite your team members to one of your repos on GitHub (SC)
 - have them clone the repo to their local machine (SC)
 - have them create their own branch in that repo on their local machine then push the new branch up to GitHub (SC)
 - have each team member add a file to the master/main branch from their local machine and push that up to GitHub (SC)
 - practice push/pull with GitHub repo to make sure everyone stays in synch with the files on GitHub (SC as necessary to show this)

Required Operations

Each team must perform the above operations using git and GitHub. Provide screen captures that verify the above activities. Place the captures in a single pdf document for

each team member. Clearly label each of the screen captures to show EACH the above items were completed.

You are welcome to use any kind of files you'd like for this assignment. It is expected you will use plain text files or maybe Java source files, but other kinds of files are fine if you want to experiment. Note that versioning things like Microsoft Word files is difficult for git to manage since they are binary files. This makes it hard for git to track changes and report them. To avoid problems you should likely avoid binary files.

Team Assignments

Below are initial team assignments. Because of enrollment there will be one team of two. Note that if you have been working with others already I am glad to place you on a team with those individuals. To contact your team members you can look up their net ID under People on Canvas and email them using that net ID.

- - Teams TBA by Monday evening

To Turn In

Each team will have a single submission. The submission will be a zip file with the last names of the team members. The zip file should contain three pdf files which are the (clearly labeled) screen captures of the required git activities. Also include a readme.txt that has the team member names at the top and discusses any issues you encountered with the assignment. If you had no issues (good for you!) then say so.