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CSSE 376

Lab 2 – Using Git

Question 1: I've worked with bazaar and subversion.

Question 2: I've worked with bash and windows cmd (but mostly using Cygwin).

Question 3: *git add* selects files to be committed by the next *git commit*.

Question 4: *git commit* commits the selected changes to the local repository.

Question 5: *git push* pushes all new local commits to the global repo at github.com.

Question 6: There are 2 people on our team. There are three copies total: one at github, one on my machine, and one on my partner's.

Question 7: There are three commits: initial commit, changing the readme, and creating the newfile.txt. (There's technically a fourth that I made, that changed the readme in the exact same way, but I'll ignore it since it didn't modify anything).

Question 8: My partner made the second commit.

Question 9: The second commit changed the README.

Question 10: We have 2 members. There are three branches. Mine, partner's, and master.

Question 11: There are zero files with a student's username in the master branch. There's one file with a student's username in each student's branch.

Question 12: *git branch* creates a new empty set of commits that can be merged with other branches with ease.

Question 13: *git checkout* chooses a branch to work on. The working dir is set to the state of the branch's head commit and future commits will go to this branch.

Question 14: 2 members. On the github server, there are three versions of the README: the usernameless master's and each of our named copies in our branches.

Question 15: 2 members. Two git merges were performed: one fast-forward merge with my username, and one manual one with my partner's.

Question 16: Three branches (master, mine, other) exist on the server.

Question 17: None of the student branches are at the same point as the master. Branches are independent. Merging only copies a snapshot of a branch one way.