CSSE376 – Caio Balthazar – CM 1478 – Lab 2

[Question 1 (1 pt)] Have you worked with any version control systems, including Git or SVN, before?

If so, which systems?

Yes, but only SVN.

[Question 2 (1 pt)] Have you worked with a command prompt or shell before? If so, which one (e.g.

Windows cmd, bash, PowerShell, zsh)?

Yes, Windows cmd and Ubuntu's terminal

[Question 3 (2 pts)] Explain, in your own words, what the git add command does.

It adds a file to the list of files that are going to be committed in the next commit command.

[Question 4 (2 pts)] Explain, in your own words, what the git commit command does.

It commits the changes of the selected files to your local git working directory and the files become staged.

[Question 5 (2 pts)] Explain, in your own words, what the git push command does.

It sends the staged changes to a git server and registers the changes in the remote repository.

[Question 6 (2 pts)] How many people are on your team? How many copies of your Git repository

exist in total? (Hint: don't forget your remote!).

2 people in my team. 3 copies: mine, github's and Sam's.

[Question 7 (2 pts)] How many commits are there in your repository's history?

3 commits atm.

[Question 8 (2 pts)] Who created the second commit in your repository's history?

I did, balthacv.

[Question 9 (2 pts)] What changes did the second commit in your repository's history make?

Edited the readme file with the phrase "First change".

[Question 10 (2 pts)] How many members are on your team? How many branches are there in GitHub's

copy of the repository? (Hint: don't forget the master branch!)

2 people in my team. 3 branches: mine, master and Sam's.

[Question 11 (2 pts)] How many files with a student's username exist on the master branch? How many les with a student's username exist on each other branch?

None master branch. 1 at each student's branch.

[Question 12 (2 pts)] Explain, in your own words, what the git branch command does.

The branch command creates a copy of a father branch and names this copy as a separate branch, keeping commits to each branch separated, until a merge command is entered.

[Question 13 (2 pts)] Explain, in your own words, what the git checkout command does.

The checkout command selects the working branch for the current user.

[Question 14 (2 pts)] How many members are on your team? How many versions of the README file are there? (Hint: don't forget the version on the master branch!)

2 people in my team. 3 versions: mine, master branch's and Sam's.

[Question 15 (2 pts)] How many members are there on your team? How many Git merges did you perform? How many of these merges were fast-forward, and how many were done manually?

2 people in my team. 2 merges. 1 FF, 1 manual.

[Question 16 (2 pts)] How many branches exist in the GitHub copy of your repository?

3. They all have been merged into the master branch, but they still exist.

[Question 17 (2 pts)] Are any of the individual student branches at the same point as the master branch? Why or why not?

No. Because the changes were merged into the master branch, leaving the individual ones unaffected.