Account Details (0.5pts each)

1. What is your full name?
   1. Amy Ott
2. What is your GitHub handle?
   1. ACOtt526
3. What is your Concordia email address?
   1. asimon@cord.edu
4. What is the URL to your GitHub profile?
   1. <https://github.com/ACOtt526>

Chapter 1: Getting Started (3pts each)

1. What does VCS stand for?
   1. Version Control Systems
2. What is the purpose of a VCS?
   1. To create a centralized work space for collaborations between different systems.
3. What is the analogy used to describe how Git "thinks" about project data?
   1. GIT thinks in snapshots of a miniature filesystem.
4. What are the three main STATES of Git?
   1. Modified, Staged, and Committed
5. Briefly describe each of the main states of Git.
   1. Modified: changes have been made but not saved yet
   2. Staged: changes have been saved in the current version
   3. Committed: saving changes in the local database
6. What are the three main SECTIONS of a Git project?
   1. Working directory, staging area, repository
7. Briefly describe each of the main sections of a Git project.
   1. Working directory: pulls the latest version of a file and allows you to interact with it
   2. Staging area: a file that saves any changes you make and readies the files for the commit
   3. Repository: Stores all data
8. What are the three basic steps of the Git workflow?
   1. Modify files in your working directory
   2. Select which changes you want to save
   3. Commit: stores files in a snapshot in the repository

Chapter 2: Git Basics (3pts each)

1. What are the two main ways to obtain a Git repository (in general terms)?
   1. Install from the website
   2. Installing from source
2. What would you type in the command line to initialize the current directory as a Git repository?
   1. For windows: $ cd /c/user/my\_project $ git init
3. What is the git syntax for copying an existing repository?
   1. git clone
4. What is the git command for finding out general information about your repository (e.g. if a branch is up-to-date or which files are untracked)?
   1. Git status
5. What is the git command for not tracking specified files?
   1. .gitignore

Chapter 3: Git Branching (3pts each)

1. What is the main purpose of a Git branch?
   1. To be able to work on a project without messing up the main files.
2. Does Git automatically switch you to a newly created branch?
   1. No, the command only creates a new branch
3. What is the Git command to switch to that new branch?
   1. Git checkout <branch name>