CS260 week 1 Assignment – Learning Repositories and Eclipse

1. Explain version control and how it relates to Github.

Version control helps you develop versions programs as you create them. This helps in debugging any possible errors that you may encounter, by allowing you to narrow down sections of code that may be the cause. In Github the task of version control is built in by commenting upon each push to the branch you are working on.

1. Define a repository and describe how you might use it.

A repository is where you can store your project while allowing others to work from it if you choose. A functional use may be that you can have someone else working alongside of you to complete a larger task.

1. Define a branch and describe how you might use it.

A branch allows you to work on projects without changing the master. You may use branching to help with comparisons or even part of version control.

1. Create a step-by-step outline a new Github user can follow for creating a repository in the Github client.
2. Go to [www.github.com](http://www.github.com).
3. Create a new user account.
4. Create a repository and follow the prompts.
5. Download the Github desktop client and follow the prompts.
6. Push the instruction outline to the Github repository for the assignment.