CSCI Lecture Notes

4/8/19

Lecture cancelled Friday

Version Control

* back up code
* great way to collaborate
* gives a reliable and organized framework for keeping track of your project workflow
* shows a version history

Version Control Tools

* Git
  + get a free edu license with GitHub, a hosting platform for Git repos
  + education.github.com/pack
* Subversion
* Mercurial
* Perforce

Using GitHub

1. In GitHub, create a new repository for your project
2. a repo automatically gets a master branch. This is where you commit your files to
3. Create a new branch to start working on a new feature or a bug fix for the project
   1. initially, the new branch is identical to the master
4. Then, we start making changes to the new branch. Every time we change a file in the branch it is called “commit”
5. Finally, we open a pull request. This means we are requesting that the changes from the branch get pulled into the master branch