**CSS 342 Notes**

**Comments**

* Little comments as possible
* Explains only why you did something

**Style**

* Any style
* Needs to be consistent

**What do Git and GitHub do?**

* Keep track of versions and changes in code
* Provides version control in one place
* Widely used in industry and open-source projects
* Easy to track progress (commits)
* Easy to track features (branch)
* Easy to collaborate with others (GitHub)

Commits – storing a copy somewhere, “saving”.

* Git runs on your machine; GitHub is a website cloud version.

**Git/Github terms**

Repository or “repo” – collection foles from a project

Commit – snapshot of repo

Branch - line off development

**Process**

* Create project
* VCS – enable git
* Main.cpp -> right click -> git -> commit file
* Create repo
* Connect repo
* Upload code to GitHub (push)
* Writing test first – making sure test case is on the same page as reviewer
* Operator overload – treated as a function
* Red dot creates a break point stopping at that point
* Make something that works and passes tests, then go back and make more efficient