Version control is the practice or function of keeping track of changes to code or software in addition to allowing the ability to revert to an earlier version. Using Git as an example, version control enables others to make changes to a repository on their own computers. They may then commit and push their changed to the repository. Others can then pull this down. On Github, there is a log of all changes made to files in the repository. If a line of code ruined something else, you can undo back to those changes. This way, not only if a mistake was made it can be undone, but multiple developers can make changes simultaneously on the same project, with changes being limited to lines they edited or added. In order to sync with the main project, a user can use the commands of “git commit” and target “all” or the specific files, followed by “git push” to actually send it to the repository. This also protects against someone maliciously changing code as all changes are tracked and can be undone.