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Version Control

* Explain the meaning of Version Control

Version control is the practice of using software that allows teams, companies, or personal coders to save, review, and coordinate on their coding projects.

* Highlight a benefit of Version Control / Provide an application of Version Control. This means provide an example of how Version Control could be used.

Version Control is highly useful when writing code for the use of editing and making new software. Let’s say a company has a coding project that is in development and that company has 90% of the code complete and working properly. They wisely use version control (GitHub) to upload their progress and track any mistakes in the future. In GitHub (a popular version control software) You can push and pull code to a secure data base where it shows your current code with any new changes that have been uploaded and the previous code without any changes.

The following day they attempt to finish there code, however make a mistake that breaks nearly everything they have done. Fortunately for them they can compare their saved code to the new broken code in GitHub and make the appropriate changes to fix and complete the project. Version control allows coders the ability to save important code in case a computer breaks, or something similar and disastrous happens.

* Show a command used in Version Control (for example a Git command)

Git Push

This allows us to push our commits to a remote repository, such as in GitHub, saving our changes and highlights any changes intentional changes and accidental.