W01 Prove: Articulate—Version Control

# What is version control and why is it important?

## Explain the meaning of Version Control

Version Control is the methodology, the standard, and the technology that allows a team or an individual to track all changes done to a file, or set of files, in a directory or directories.

## Highlight a benefit of Version Control

With Version Control one can roll back to a prior version of a file. This file can contain a program, an essay, an HTML page, etc. and having the ability to roll back to a prior version is an excellent choice when facing issues with a recently deployed version.

## Provide an application of Version Control. This means, provide an example of how Version Control could be used.

When working as a team on a project sometimes it is needed to review the latest changes. This would prove to be difficult without having Version Control. With Version Control, and a good tool, one can see the changes that were made and either approve or revise them before pushing them.

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

git commit -m "made changes to the API login method"