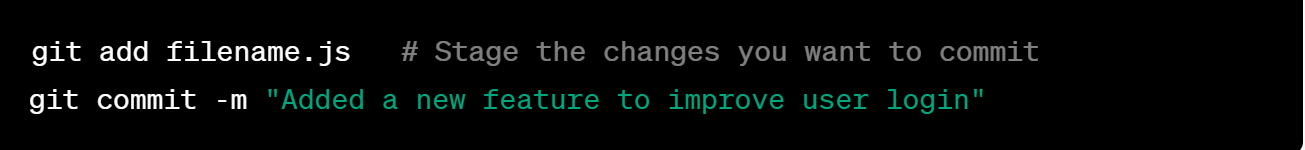
W02 Prove: Articulate—Version Control

Version control, also known as source code control, is the practice of tracking and managing changes to software code.

The key principles of version control include:

* History Tracking
* Collaboration
* Branching and Merging
* Backup and Recovery
* Conflict Resolution
* Code Review and Collaboration

Here's a common Git command used for version control:



One significant benefit of version control is **collaboration facilitation.**

Version control systems (VCS) enable efficient collaboration among team members, whether they are working in the same physical location or remotely

In summary, version control is a fundamental tool for managing and tracking changes in files and code, improving collaboration, reducing errors, and providing a historical record of a project's development. It is an essential practice in modern software development and has applications in various fields beyond programming.