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**Explain Version Control**

# Meaning of Version Control

Version control is a vital practice in software development for monitoring and overseeing modifications applied to code and additional files. It is closely connected to managing source code. It monitors each change made to the code in a unique type of database. When an error occurs, developers can revert to previous versions of the code to assist in resolving the issue while reducing the impact on team members.

## Benefit of Version Control

The benefit of Version Control is that it enables coordination, sharing, and teamwork throughout the entire software development team. It allows teams to operate in remote and non-simultaneous settings, handle modifications and iterations of code and artifacts, and address merge conflicts along with associated issues.

## Uses of Version Control

One of the uses of VS is that it is great to use it in a software development team. The systems in VS are tools that specifically assist software teams in tracking alterations to source code throughout time. With the rapid advancement of development environments, version control systems enable software teams to operate more efficiently and intelligently.

## Commands used in Version Control (example: Git command)

An example of a git command can be “git clone” which is used to copy a remote Git repository to your local computer. This command allows you to clone a project and work on it.

*Example:* $ git clone https://github.com/username/project.git.