Bonus: Git

1. A Git repository is a version control system that stores a collection of files and their complete history of changes. Its purpose is to track changes, collaborate with others, and maintain a history of your project.

2. To initialize a new Git repository in a directory, you can use the following command:

*git init*

3. The Git command to clone a remote repository to your local machine is:

*git clone <repository\_url>*

4. The *.gitignore* file in a Git repository is used to specify files or directories that should be ignored by Git. It is important because it allows you to exclude files like compiled binaries, temporary files, or sensitive data from being tracked by Git, which can help keep your repository clean and reduce unnecessary version history.