What is version control and why is it important?

Is a system that keeps the history and record of the changes and movements made to a set of files. It is a tool that helps multiple persons work in a single project from different parts. It is very important and useful because it helps to keep record of changes made to the code, and when the changes were made, by who and why were the changes were done.

For example, if a change was made to a program that led to the program to not run or compile, a history of the versions is very useful to recover the last working version of the program or to investigate why the updates done to it caused it to crash. This is where a command like: " git status " is very handy.

Git is the most common system used as today. You can use it as commands and also through the GUI version that is available in VS Code, it is usually easier this way, but learning the commands can help you when something goes wrong with the GUI.

A command example is: ' git commit -m "New variables declared for time and place." ' are used when some changes to your code was made and, before committing those changes a message is required to keep a track of why the changes where added and what was changed in the program.

So even when the work is done remotely or independently, Version Control will help to keep all working members updated and synchronized with the changes done in general to a larger project.