**What is Git?**

Git is an open-source version control system that is widely used by us developers to manage documents, source files, websites, and versions of applications.

# Version Control System

This refers to the core concepts of Git to which how we can manage changes, tracking, and control changes of documents, computer programs, large websites, and other collections of information.

# Some Terms and Definitions

Directory – the working folder. It can be root or sub-directory.

Terminal or CLI – this is an interface to input text commands which where we can issue functions and actions to launch scripts, executable, and more.

cd – command to ‘change directory’.

Code Editor – this is a word processor or environment where we can write code. Code Editors today can also help manage and build projects.

Repository – the project, or the folder where your project is kept in place.

Repository can be sometimes confused with Git and GitHub.

Git is the tool which can track version and changes to your project every time.

While, GitHub is an online website where we can host all projects and repositories.

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# Git Commands

clone – download a copy of a remote repo on your local machine.

add – a command that is used to track changes to any file that is modified, added, or deleted. It tracks files and changes in Git.

commit – a command to use to save changes ready for pushing to the remote repository.

push – is a command to use to save and commit the changes to upload in Git to a remote repo, like GitHub.

pull – is like downloading or “pulling” changes from a remote repo to your local machine.