Git Terms (source credit- this was for an assignment to research terms)

1. Version Control Software
   1. Version control, also known as source control, is **the practice of tracking and managing changes to software code**. Version control systems are software tools that help software teams manage changes to source code over time.
2. Add
   1. The git add command **adds a change in the working directory to the staging area**. It tells Git that you want to include updates to a particular file in the next commit. However, git add doesn't really affect the repository in any significant way—changes are not actually recorded until you run git commit .
3. Commit
   1. The git commit command captures a snapshot of the project's currently staged changes. Committed snapshots can be thought of as “safe” versions of a project—Git will never change them unless you explicitly ask it to. Prior to the execution of git commit, The git add command is used to promote or 'stage' changes to the project that will be stored in a commit. These two commands git commit and git add are two of the most frequently used.
4. Push
   1. The git push command is used to upload local repository content to a remote repository. Pushing is **how you transfer commits from your local repository to a remote repo**. It's the counterpart to git fetch , but whereas fetching imports commits to local branches, pushing exports commits to remote branches.
5. Pull
   1. The git pull command is used to **fetch and download content from a remote repository and immediately update the local repository to match that content**. Merging remote upstream changes into your local repository is a common task in Git-based collaboration work flows.
6. Clone
   1. git clone is **primarily used to point to an existing repo and make a clone or copy of that repo at in a new directory, at another location**. The original repository can be located on the local filesystem or on remote machine accessible supported protocols. The git clone command copies an existing Git repository.

Source credit: <https://www.atlassian.com/git/tutorials/what-is-version-control> ,