**GitHub Repositories**

Repositories are essentially folders. The folder exists on a website and on the user's PC (the local repository), and can be synchronized so that both copies stay up to date, and any changes are reflected in both places. They can also be shared publicly. One of the most famous repositories is GitHub.

A powerful tool used to make changes in GitHub is Gitbash. It is a command line tool. An easier to use application with less control but all of the essential capabilities is the GitHub Desktop Client App.

Both Gitbash and the Desktop Client App have a few essential functions.

* Clone - creates a copy of an existing repository from the website onto the user's computer.
* Push - uploads files from the local repository onto the website. This is also called committing the repository