**Git**

Git is a version control system that enables us to record changes to files over time.

**git init**

It is used to create an empty Git repository or reinitializing an existing repository

**git clone**

It is used to clone a repository into a new directory.

**git add fileName**

To add the specified file name into staggered index

**git add .**

To add all files to the staggered index

**git log**

It is used to show the commit logs

**git status**

It is used to show the working tree status

**git diff**

It is used to track the difference between the changes made on a file by comparing that file in working directory and repository

**git diff --staged**

It is used to compare files in the staging area against the repository.

**git rm**

Used to delete file by typing git rm fileName

**Workflow**

Working Directory / staging area / repository

Initially all the files are stored in our current working directory. To send these files into our github repository we need to first add them to the staging area by typing git add filename then we need to commit by typing git commit -m “commit message” (message is optional). So now the files which are added and committed will be available in our repository.