What is git?

Git is a distributed version control system that tracks changes in any set of computer files, usually used for coordinating work among programmers collaboratively developing source code during software development.

Git Commands

* git clone
  + This command is used to clone the remote repository from github to the local computer
* git add filename
  + This command is used to add the file to the git stage, to make the git aware of the new file. We can add multiple files by using \* wildcard
* git commit
  + This command is used to commit the files to the local git repository with the commit message; -m option is used to add a message.
* git push
  + This command is used to sync the local git repository with the remote git. It pushes all the changes done to the local files to remote git.
* git pull
  + This command is used to take the latest changes from remote git repository to local git repository.
* git checkout
  + This command is used to switch between git branches, option -b is used to create a new branch and option -D is used to delete the old branch
* git merge
  + This command is used to merge two different branches in local git repository
* git status
  + This command is used to check the status of the local repository.
* git diff
  + This command is used to find the difference between the files in local git, it is also used to find the difference between two commits
* git log
  + This command is used to find the history in github