GIT and GITHUB

GIT: Git is a version control system ,it stores the history ,it makes easy to collaborate with others and it makes easy to work on multiple features.

GIT HUB:  GitHub is a cloud-based hosting service that lets you manage Git repositories. If you have open-source projects that use Git, then GitHub is designed to help you better manage them.

When the file was in the local machine first it needs to enter to the staging area and then to the Remote Repository

Staging Area:The area which the file (s) are ready commit

GIT Basic Commands:

1. git –version
2. git config –help : help page
3. mkdir :to make a directory or a folder
4. cd :chage directory
5. git init :initialize the directory
6. git status :to know the status
7. git add : first file need to add to staging area
8. git commit -m ’ message you want display’ : they need to commit the changes
9. git push: will push the commited changes to remote repository

To add the GIT to GIT HUB:

git cofig –global user.username (enter the user name)

git remote add origin (link of the repository)

git push origin master : to push a file git to git hub

To clone or download the repository

git clone (link of repository)

git difftool: shows the changes between your local changes and previous version of the file

git add . : this will add every file into staging area

git rm –cached (file name) :will remove file from staging area

To create a new branch:  
git branch <branch name>

Switch to that branch:

git checkout <branch name>