**Git and Git Hub:**

Git: It is Version Control software which keeps the track of entire things like Project we are working on, Piece of Code etc on the Computer.

It is also a tool which has lot of sophisticated features in particular, it does not have any problem when two people are working on a same file at same time.

Altogether, Git is a software that you can use to track the history of all the projects as well as to allow many people to collaborate on project together.

**Difference between Git and Git Hub:**

Git is an actual version control software and Git Hub is a website or webservice where people sign up to do Git related things.

Git Hub runs Git Server Behind the Scenes.

**Git Hub Repository:**

Collection of a project related files can be called as a Repository.

OR

It is a project which has multiple files associated with it.

**Commit:**

Process of saving the file after necessary changes can be called as a Commit.

To change the file, click on edit Symbol, make the changes and then enter the title and description of your changes and click on Commit changes.

For each and every Commit, Git automatically assign a unique identifier called Hash.

**Fork:**

It is a process used to duplicate the particular project and save it in another file or account to make pull and push request.

Generally if we want to make the changes in another user code then we will fork that code which duplicates that code in our account.

**Pull Request:**

After making changes in the code, if we want to add the code to the master branch of the original code then we have to make a pull request using “NEW PULL REQUEST” option. This will send a notification to the owner of that repository. Owner of the repository has a permission to accept or deny the pull request. IF owner accept the request then the code will be added to the master branch of the original repository.