Git and GitHub

Git is a **Free Open Source Software (FOSS)** and it is a **distributed version control** and **source** **control management system**  designed to handle everything from small to very large projects with speed and efficiency.It was developed by **Linus Torvalds**  in 2005 while working on linux kernel.Git is used to store the source code for a project and track the complete history of all changes to the code.

GitHub is a web-based version-control and **a platform for software developers**. GitHub allows developers to change, adapt and improve software from its public repositories for free but it charges for private repositories.GitHub facilitates social coding by providing a web interface to the git code repository. GitHub is a service for projects that use Git.

Three important terms used by developers in GitHub are **folk, pull request and merge**. A **fork**, also known as a branch ,is simply a repository that has been **copied from one members account** **to another members account**. If the **developer would like to share the modifications, she can** **send a pull request to the owner of the original repository**. **Commits** are, by default,all retained and interleaved onto **the master project,or can be combined into a simpler merge via commit squashing.**