**Part 3:**

**What is GitHub?**

Git is a distributed version control system for software development. It permits teams to collaborate on the same code and manage conflicts and versions. Git was developed in April 2005 by Linus Torvalds because he wanted a free system that he could use like BitKeeper. There are some similar platforms such as Darcs, BitKeeper, Mercurial, SVK, Bazaar and Monotone, but developers use Git as a social network. Recruiters and potential employers consults the GitHub accounts of potential employees.

Git was developed, the designer and developer of Linux, and it is a web-based Git repository system.

**Part 5:**

Repository: create a .git in a project

git init

Commit: Command with a message describing what we've changed.

git commit -m "Adding files"

Push: The push command tells Git where to put our commits when we're ready.

git push ssh://example.com/~/www/project.git

Branch: When developers are working on a feature or bug they'll often create a copy (aka. branch) of their code they can make separate commits to.

git branch test

Fork: To verify the new upstream repository.

Merge: Merge changes from the a branch into the master branch.

git merge BranchMame

Clone: Clone a repository into a new directory

Pull: Check for changes on GitHub repository and pull down any new changes.

git pull origin master

Pull request: Pull requests let you tell others about changes you've pushed to a repository on GitHub