Git hub is a repository which is used to store the data by used a command commit which is a snapshot of every record that was recorded for this we use **git commit**

Branches in Git are incredibly lightweight as well. They are simply pointers to a specific commit -- nothing more.

To checkout we use **git checkout <name>**

git checkout -b [bugfix] to checkout and commit at a time

git merge is used to merge the branches

git rebase command for rebasing

Moving upwards one commit at a time with **^**

Moving upwards a number of times with **~<num>**

(~) operator Git also has the tilde.

There are two primary ways to undo changes in Git -- one is using **git reset** and the other is using **git revert.**

git cherry-pick <Commit1> <Commit2> <...>

It's a very straightforward way of saying that you would like to copy a series of commits below your current location

All interactive rebase means is using the **rebase** command with the **-i** option.

Git tags support this exact use case -- they (somewhat) permanently mark certain commits as "milestones" that you can then reference like a branch.