Dev Ops

Dev Ops is neither a technology nor a tools, it is a concept which helps development team and Operation team (production team) to communicate to develop & deploy the applications, these teams would use some tools to develop & deploy

* Git: Version controlling
* Jenkins/Bamboo: CI - CD pipeline
* Docker: It is a container that can ship your application to any environment
* AWS: Cloud system where you deploy the application

Git:

It is centralized version controlling system, used to share and collaborate other people work, Git provides a Repository where you can have all your work, the repository will track all the changes each person does with some unique id i.e., called as snapshot will have hash number.

If you use GIT you can get updates done on any time, i.e., if developers had written some code and updated the GIT later they write more lines of code & feel that the old code is required, then they can get that old code back if its committed.

Git has many commands

git init: To create local repository

git pull: To pull the changes to local repo from the remote repo

git push: To push the local changes to the remove repo

git branch branchName: To create a new branch

git checkout branchName: To get inside the branch

git merge destinationBranchName: To merge the destinationBranch with the currently checked in branch

git add: to add the changes that needs to be committed

git commit: to commit the changes

git log: To see history of commits

git clone: To clone the remote repository