

Q. What is a GitHub?

A. GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere. This will teach you GitHub essentials like repositories, branches, commits, and Pull Requests.

Q. How to use GitHub?

A. Step 0: Install git and create a GitHub account. ...

Step 1: Create a local git repository. ...

Step 2: Add a new file to the repo. ...

Step 3: Add a file to the staging environment. ...

Step 4: Create a commit. ...

Step 5: Create a new branch.

step 6: Now push that branch to the repo

Q. Is GitHub open source?

A. Actually Git is not open source. Because it has Commercial offer known as "Git Enterprise Edition"

Anyone can apply their ideas like open source on GitHub alike known as Gitlab which is a Ruby Application with its source code here.

Q. What is a Branch in GitHub?

A. A branch in Git is simply a lightweight movable pointer to one of these commits. The default branch name in Git is master. As you start making commits, you're given a master branch that points to the last commit you made. Every time you commit, the master branch pointer moves forward automatically.

Q. What is a git Pull?

A. The git pull command is used to fetch and download content from a remote repository to local.

Q. What is meant by Git repository?

A. Git is a program that tracks changes made to files. ... A Git repository is the .git/ folder inside a project. This repository tracks all changes made to files in your project, building a history over time.

Q. What is meant by fork in GitHub?

A. Fork is a rough copy of the repository which allows you to test and debug the changes with changes and it does not affect the original code anymore.

Q. What is the difference between a fork and a branch in Git?

A. Branching and forking provide two ways of diverging from the main code line. ... So, unlike a branch, a fork is independent from the original repository. If the original repository is deleted, the fork remains. If you fork a repository, you get that repository and all of its branches.

Q. What is Git Fetch?

A. git fetch is the command that tells your local git to retrieve the latest meta-data info from the original.

Q. What is .gitignore file ?

A. if you want to ignore some specific files you can mention where and those files won't be tracked anymore.

Q. What is the difference between Master and Main Branch?

A. when you start extracting files and implementing it automatically you will get the main branch there so there you have to do all the activities merge, pull ... and eventually it all goes to the master branch.

Q. Which generation is the Git comes under?

A. Git comes under 3 rd. generation of VCS.