

QUESTION1. What is meant by the term fork and clone?

ANSWER1. Fork means creating a personal copy from someone else's project and that copy can also be used as a person's initial point of creating a project.

Also, it can be modified by the developers around the world and they can publish their own changes to it.

Clone is used to create the local copy of someone's git repository from the GitHub in our system from the remote repository.

QUESTION2. What are branches in GitHub?

ANSWER2. Branches are an individual projects within a git repository. Branches are like movable pointers to the commits. All the branches are independent of each other. The default branch is the master branch. Once we have made changes to a project, we can merge that particular branch to the master branch. It is mainly used for redundancy reduction in the project.

QUESTION3. What is PR?

ANSWER3. PR stands for Pull Request.

User issues a pull request if he has forked and cloned someone's else code and modified it and want to publish that code on the author's repository. Then a pull request is issued. The one who has created the repository can review and then approve the request to incorporate the changes that has been created.

QUESTION4. Can we delete the master branch, if not why?

ANSWER4. Yes, we can delete the master branch but then we'll have to create a new branch and set it as our default branch.

QUESTION5. How can we delete a branch?

ANSWER5. We can delete the branch in the following two ways:

To delete locally: `git branch -d <branch>`

To delete remotely: `git push <remote> --delete <branch>`