

1. What is Git?

Ans: Git is a popular Version Control System which was created by Linus Torvalds in 2005 and is used

for tracking code changes, history of files with answering who what and when and for Coding Collaborations.

2. What do you understand by the term 'Version Control System'?

Ans: It is a system that records changes to a file or set of files over time, so that we can recall specific versions later, i.e., for every source code changes in a file a new version will be created.

3. What is GitHub?

Ans: GitHub is a Git Server tool which provides Git hosting services. It is a repository and the largest host of source code in the world. It is used to maintain and(or) store the source code of the project.

4. Mention some popular Git hosting services.

Ans: GitHub, GitLabs, BitBucket, GitBlit are some of the popular Git hosting services.

5. Different types of version control system

Ans: There are 2 types of version control system, namely, Centralized version control system and

Distributed version control system.

6. What benefits come with using GIT?

Ans: It is beneficial for tracking code changes, history of files with answering who what and when and for Coding Collaborations.

7. What is a Git repository?

Ans: Git repository contains a collection of files of various different versions of a Project.

These files are imported from the repository into the local server of the user for further updations and modifications in the content of the file. A Version Control System is used to create these versions and store them in a specific place termed a Git repository.

8. How can you initialize a repository in Git?

Ans: We can initialize a repository using the following command:

`git init`