

1- What is Git?

Ans- Git is a popular distributed version control system (DVCS), it was created by Linus Torvalds in 2005 and has been maintained by Junio Hamano. Git is popular to use for source code management.

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

Ans- Version Control System is the system that tracks and manages changes to files over time. It is a system, an online database that tracks the progress of code across the software development lifecycle which maintains a record of every change complete with authorship, timestamp, and other details.

3- What is Github?

Ans- Github is a repository and the largest host of the source code which is used to store and maintain the source code of the project. Github is designed as a Git repository hosting service.

4- Mention some popular Git hosting services.

Ans- Github, Gitlab, BitBucket, Gitblit.

5- Different Types of version control system.

Ans- There are 2 types of version control system :-

a)- Centralized Version control system

b)- Distributed Version control system

6- What benefits come with using Git?

Ans- Some benefits of Git are :-

- Tracking code changes.
- Tracking who made changes like history of the files.
- Coding Collaborations.

7- What is a Git repository?

Ans- A Git repository is a collection of files of various different versions of a Project. In Git, the repository is the collection of the files as well as the history of changes made to those files. the collection of the files as well as the history of changes made to those files.

8- How can you initialize a repository in Git?

Ans- git init