

1) What is Git?

Ans: Git is a popular version control system (VCS). It was created by Linus Torvalds in 2005 and has been managed by Junio Hamano.

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

Ans: Version control systems are a category of software tools that help in recording changes made to files by keeping a track of modifications done in the code.

3) What is Github?

Ans: Github is one of the Git servers. It is a code hosting platform for collaboration and version control.

4) Mention some popular Git hosting services.

Ans: Github, GitLab, Bitbucket, Codebase, etc.

5) Different types of version control systems.

Ans: a. Centralized Version Control system.

b. Distributed Version Control system.

6) What benefits come with using GIT?

Ans: a. Tracking code changes,

b. Tracking who made changes like history of the files,

c. Coding collaborations.

7) What is Git repository?

Ans: Repositories in GIT contain 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 updates and modifications in the content of the file.

8) How can you initialize a repository in Git?

Ans: Create a directory to contain the project.

Type `git init`.