

Q.1) What is Git ?

Ans:- Git is a popular “version control system” stand for “Global Information Tracker” . It allows multiple developers work in a project simultaneously while ensuring that their changes do not interfere with one another.

Q.2) What do you understand by the term “version control system”?

Ans:- It is a system that record the changes to a file or set of files over time so that we can recall the specific version later.

Q.3) What is Github ?

Ans:- It is a Git server or a platform of web based version control system and collaboration for developers.

Q.4) Mention some popular Git hosting services .

Ans:- GitHub , GitLab , BitBucket , SourceForge etc .

Q.5) Name the different types of Version Control System .

Ans:- There are three types of version control system –

- a) Local version control system (LCVS)
- b) Centralised version control system (CVCS)
- c) Distributive version control system (DCVS)

Q.6) What benefits come with Git ?

Ans:- The benefits are –

- a) It has branching capabilities.
- b) It has unlike version control system.
- c) Git branches are cheap and easy to merge.
- d) This facilitates the feature branch workflow popular with many Git users.
- e) Feature branch provide an isolated environment for every changes.

Q.7) What is a Git repository ?

Ans:-The Git repository is the Git folder inside a project . This repository track all the changes made to the files in the project.

Q.8) How can you initialize a repository in Git ?

Ans:- To initialize a repository in Git , one time command we use “git init”.