

1) What is Git?

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

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 overtime. 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 code hosting platform for version control and collaboration.

4) Mention some popular Git hosting services?

Ans: 1. Bitbucket 2. Github 3. GitLab 4. Perforce 5. Amazon AWS CodeCommit 6.Beanstalk 7. Codebase 8. Microsoft Azure Devops 9. SourceForge 10. Gerrit

5) Different types of version control systems?

Ans: 1) Local Version Control System(LVCS) , 2) Centralised Version Control System(CVCS)
And 3) Distributed Version Control System (DVCS).

6) What benefits come with using GIT?

Ans: a) Tracking code changes , b) Tracking who made changes the like history of the files
c)Coding collaborations.

7) What is Git repository?

Ans: a Git repository allows performing various operations on it to create different versions of a project.

8) How can you initialise a repository in Git?

Ans: git init