

ASSIGNMENT-2(23 JAN)

Q. 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 Hamano.

Q. 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.

Q. What is GitHub?

Ans-GitHub is a for-profit company that offers a cloud-based Git repository hosting service. Essentially, it makes it a lot easier for individuals and teams to use Git for version control and collaboration.

Q. Mention some popular Git hosting services?

Ans- Some popular Git hosting services are Bitbucket, Gitlab, Aws, perforce, etc.

Q. Different types of version control system?

Ans- Centralized Version control system , Distributed version control system.

Q. What benefits comes with using Git?

Ans- a. Tracking code changes.

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

c. Coding Collaborations

Q. What is Git repository?

Ans- Repositories in GIT contain a collection of files of various different versions of a Project.

Q. How can you initialize a repository in GIT?

Ans- To initialize a repository, we will use the git init command.

