1. What is Git?

Ans: Git is a version control system (VCS). It was created by Linus Torvalds in 2005 and has been maintained by Junio Hamano. It used to keep a track to code changes, history of changes made and coding collaborations.

1. 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.

1. What is GitHub?

Ans: GitHub is a git server tools used to store and maintain the source code of the project. It is the largest host of source code.

1. Mention some popular Git hosting services.

Ans: Gitlab, BitBucket, Perforce.

1. Different types of version control systems.

Ans: i) LVCS (Local version control system)

ii) CVCS (Centralized version control system)

iii) DVCS (Decentralized version control system)

1. What benefits come with using Git?

Ans: 1. Code changes can be tracked.

2. Who and when made the changes can be tracked.

3. Coding collaborations.

1. What is a git repository?

Ans: Git repository contains collection of files of various different versions of the code and their histories.

1. How can you initialize a repository in Git?

Ans: To initialize a repository in Git we can use command “git init” in the git bash in that folder.