1.What is Git?

Ans: Git is a free and open-source version control system, which is used for tracking changes in files and it is used to help coordinate work among the people on a project.

2. What do you understand by the term "Version Control system"?

Ans: Version control systems are software tools that help software teams manage changes to source code over time. As development environments have accelerated, version control systems help software teams work faster and smarter.

3. What is GitHub?

Ans: GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere.

4. Mention some popular Git hosting services?

Ans: GitHub, SourceForge, GitLab, BitBucket .

5. Different types of version control systems.

- Ans: Local Version Control Systems.
- Centralized Version Control Systems.
- Distributed Version Control Systems.

6. What benefits come with using GIT?

Ans: It makes it easy for developers to share code files and collaborate with fellow developers on open-source projects. GitHub also serves as a social networking site where developers can openly network, collaborate, and pitch their work.

7. What is Git repository?

Ans: A Git repository is the . git/ folder inside a project. This repository tracks all changes made to files in your project, building a history over time. Meaning, if you delete the . git/ folder, then you delete your project's history.

8. How can you initialize a repository in Git?

Ans: Initializing a new repository: git init

To create a new repo, you'll use the git init command. git init is a one-time command you use during the initial setup of a new repo.