1)What is Git?

Ans. Git is a distributed version control system that tracks changes in any set of computer files, usually used for coordinating work among programmers collaboratively developing source code during software development.

2)what do you understand by the term “version control system”?

Ans. Version control systems are**software that help track changes make in code over time**. As a developer edits code, the version control system takes a snapshot of the files. It then saves that snapshot permanently so it can be recalled later if needed

3)What is GitHub?

Ans. GitHub is a code hosting platform for collaboration and version control. GitHub lets you (and others) work together on projects.

4)Mention some popular git hosting services?

Ans. GitHub, BitBucket, GitLab etc are some popular git hosting services

5)Different types of version control system?

Ans. There are 2 types od version control system are there they are

Centralized version control system and Distributed version control system

6)What benefits come with using GIT?  
Ans. A GIT is an version control system records changes carried out to a file, or a set of files over time, and helps you to recall specific versions of the code later on when you need it.

7)What is a Git repository?

Ans. Repositories in [GIT](https://www.geeksforgeeks.org/git-lets-get-into-it/) contain a collection of files of various different versions of a Project. These files are imported from the repository into the local server of the user for further updations and modifications in the content of the file.

8)How can you initialize a repository in Git?

Ans. To initialize a git repository, you need to use the**git init command** in the project

Go into a project folder and initialize git

$ cd /Users/lydiahallie/Desktop/myproject

$ git init