Assignment 2:

1) What is Git?

Ans1) Git is a distributed version control system that tracks changes in any set of computer files.

2) What do you understand by the term "Version Control System"?

Ans2) Version control is also known as source control. It is a software tool that help software teams to manage changes to source code over time.

3) What is GitHub?

Ans3) GitHub is a web based graphical interface that uses Git ,the open source version control software that lets multiple people make separate changes to web pages at the same time . GitHub encourages teams to work together to built and edit their site content.

4) Mention some popular Git hosting services.

Ans4) GitHub,GitLab,Perforce,Bit-bucket ,Beanstalk.

5) Different types of Version control system?
Ans5) There are two types of version control system:
Centralised version control system and Distributed version control system.

6) What benefits come with using Git?
Ans6) Git provide better performance, security , staging area and it is an open source.

7) What is Git repository?
Ans7) A Git repository is a .git folder inside a project. It tracks all changes made to files in the project and building a history over time.

8) How can you initialize a repository in GIT?
Ans8) We can initialize a repository in Git using the command " git init " .