Assignment no . 2

1. What is Git?
It is a free and open-source version control system used to handle small to very large projects efficiently. Git is used to track the changes in source code, enable to multiple developers to work together.

2. what do you understand in terms of version control systems?
Tracks the history changes as people and teams collaborate on projects together. As developer changes in the project as earliest projects can be recovered

3. What is Git-hub?
Git-hub is a code hosting platform for version control and collaboration. the team can work from anywhere on the same projects. It has repositories, branches, commit, and pull requests.

4. Mention some popular git-hosting services?
Microsoft Azure DevOps
SourceForge
Codebase
Amazon Aws code commit.
Gitlab
Bitbucket

5. Different types of version control systems?
Centralized version control system.
Distributed version control system.

6. what benefits come with using git?
Git is distributed version control systems.
The branching model focused
On Guiding framework for managing and creating the branches.
Git branches are cheap and easy to merge.

7. what is Git repository?
Git repository tracks save the changes made in file of git project. It save the data in .git directory
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8. How can initialise the repository in git?
Create new repository
Open the terminal
Change the current working directory to your local project.
Used init command to initialise local directory as git repository.