

Assignment-2

(Git And GitHub Assignment-1)

1. What is Git?

Ans: Git is a popular version control system(VCS). It was created by Linus Torvalds in 2005 and has been maintained by Junio Hamano.

2. What do you understand by the term version control system?

Ans: To maintain and handle the different versions of a project established by a community also code tracking, feature tracking is very important, so to maintain all these a new system is introduced and that system is called Version Control System.

3. What is GitHub?

Ans: GitHub is a type of Git server which is a host repository, used to store and maintain the source code of the project.

4. Mention some popular Git hosting services?

Ans: Some popular Git hosting services are:

- a). GitHub
- b). GitLab
- c). BitBucket

5. What are the different types of Version Control System?

Ans: There are two different type of Version Control Systems:-

- 1). Centralized Version Control System
- 2). Distributed Version Control System

6. What benefits come with using Git?

Ans: Git provides a storage to store the different modified versions of projects.

Git provides support for collaborative task so that developers can collaborate and share codes. Git is used to maintain code tracking and feature tracking.

7. What is a Git Repository?

Ans: Git Repository is a virtual storage where you can store your main project. Git repository tracks and saves the history of all changes made to the files.

8. How can you Initialize a repository in a Git?

Ans: To initialize a local Git repository in to your local computer, in the terminal open the root folder where you want to initialize the Git repo and use “**git init**” command setup.