

## Assignment

① What is Git?

Git is a popular version Control System, It was created by Linus Torvalds in 2005 and has been maintained by Junio Hamano.

② What do you understand by Term 'version Control System'?

It is a system that records changes to a file or set of files over time, so that we can recall versions later i.e. for every source code changes in a file a new version will be created.

③ What is Github?

Github is a code hosting platform for version control and Collaboration.

④ mention some popular git hosting services?

Github, Gitbucket, Gitlab.

⑤ Different types of version control systems

① Local version Control System.

② Centralised version Control System.

③ Distributed version Control System.

⑥ What benefits come with using GIT?

① Tracking code changes

② Tracking who made change like history of the files.

③ Coding Collaborators.

⑦ what is a Git repository?

A Git Repository is central storage location for managing and tracking changes in files and directories.

⑧ How can you initialize a repository in Git?

To create a new repo, you will use the `git init` command.