Saathi

Date __/__/____

## Assignment Questions

(1) what is git

A- Git is a popular version control system (VCS). It was developed by Linus Torvalds in 2005. handle everything from small to very large projects with speed and efficiency.

(2) what do you understand by the term 'version control system'?

A- It is a system that records change to a file or set of files over time. So that we can recall specific versions later, ie, for every ~~see~~ source code change in a file a new version will be created.

(3) What is Git Hub?

A- Git Hub is a code hosting platform for version control and collaboration. It lets you and others work together on project from anywhere.

(4) Mention some popular Git hosting service.

A- (I) Bitbucket (II) Git lab (III) Perforce (IV) codebase.

(5) Difference types of version control system.

A- (I) local version control system (LVCS)
(II) centralised control system (CVCS)
(III) Distributed version control system (DVCS)

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(6) What is benefits come with using GIT?

A (i) It makes it easy to contributes to your open source projects.

(ii) Track changes in your code across versions.

(iii) GitHub is repository

(7) What is Git repository?

A A Git repository tracks and saves the history of all changes made to the files in a Git project. User can then delete or copy existing repositories or create new ones for ongoing projects

Q How can you initialize a repository in Git

A To create a new repo. You all used the git init command. git init is a one-time command you use during the initial setup of a new repo.