

ASSIGNMENT

Justin John
MCA Regular
Roll no:- 09.

1) Git as a Version Control System.

Version control is a system that records changes to a file on a set of files over time so that you can recall specific version later.

Git is a free and open source distributed version control system designed to handle everything from small designed to very large projects with speed and efficiency.

Git is easy to learn and has a tiny footprint with lightning fast performance.

2. What is Github?

Github is a code hosting for version control and collaboration. It lets you and other work together on project from any where.

Github has a number of useful features that enable development teams to work together on the same project and easily create new versions of software without disrupting the current versions.

With Github you can collaborate and work on projects with others any where in the world.

③ What is working directory & staging area?

Working directory

This is the area you are currently working. It is where files live. Any changes to files will be marked and run in working tree. To know working tree / working directory

Run command `git status`. This will show.

1) File in working directory.

2) File in staging area

Staging Area

The staging area is when git starts tracking and saving changes that occur in files. These saved changes reflect in the git directory.

That is about it when it comes to the staging area.