GIT As a version Control system?.

version Control Also known as Source Control is the practice of tracking and managing changes to Software code. version Control Systems are Softwares tools that help Software teams manage changes to Source Code over time. As development enviornments have accelerated, version Control Systems help Software team work Faster and smarter.

version Control Software keeps track of every modification to the code in a Special kind of database. if a mistake is made developers can turn back the clock and compare either versions of the code to help Fix the mistake while minimizing dissuption to all team members.

What is github?

Github is the world's largest community of developers, its an intricate platform that fosters collaboration and communication between developers. Github has a no: of usefull features

that enable development teams to work together on the same project and easily create new versions of software without disrupting the current versions. but it doesn't stop there. once new additions to a program are complete., they can easily be incorporated in to existing programs. Github also makes it extremly simple to work together on strings of code to really dial in and perfect even the smallest parts of a program., with github you can collaborate and work on projects with others anywhere in the world

what is the working tree area and storing area of github ?

The working tree is the area where you are currently working. It is where your files live. This area is also known as the untracked area of git. Any changes to files will be marked and seen in the working tree. Here if you make changes and do not explicitly save them to git.

you will lose the changes and do not explicitly save them to git. , you will lose the changes made to your files. This loss of changes in the working occurs because git is not aware of the files or changes in the working Tree until you tell it to pay attention to them.

How can you see what is in your working tree ?.

git Status - This command will show you two things .The files in your working tree and the files in your staging area.

The Staging area (index) :

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 . you tell git that I want to track these specific files. if you make any more additional changes after adding a file to the staging area git will not know about those specific