ASSIGNMENTROPISOSIA JUNOIE

GIT AS A VERSION CONTROL SYSTEM

Git is a distributed version control system where each user can make changes to an entire sepository on their system. It uses command line with git it is easy to undo changes back and for the with a precise explanation of changes that are made. It has the ability of

- keeping a track of the changes is different versions of the samefile.
 - It also keeps a record of all files present in a project
- comparing and analyzing different codes with a detailed explanation

The basic step to start working in a Git enviornment is to have local repository and a remote repository

-> LOCAL REPOSITORY

A local sepository is a path or directory created by you on a local computer that we working directory. You write your code in this sepository which is private to your until you push it to the remote repository.

-> REMOTE REPOSITORY

Remote sepository is a public disectory or is a pto public platform to host your website such as Github, Bitbucks using onit, one could easily push a piece of code or an entire project to a remote sepository.

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Github is a provider of Internet hosting of Software development and version control using git. It offers the distributed version control and source code management functionality. Of GILL plus its own features It provides access control and several collaboration features such as bug tracking, feature requests, task management, continous integration and wikis for every project.

WHAT IS WORKING DIRECTORY AND STAGING AREA?

in computing, it is a directory of hierarchical file system. If any dynamically associated with each process it sometimes called current working directory.

As stated in the git doceumentation the working directory is a single checkout of the project

this essentially means it you check out a branch and one sational particular commit.

STAGINGI AREA

It is like a sough doaft space, it's where you can git add the version of a file or multiple files that we want to save in your next commit,

to be part of next commit, which rets git, know what changes in the file are going to occur for the next commit.

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