

1) What is GitHub?

GitHub is a code hosting platform for collaboration and Version Control. GitHub lets you (and others) work together on projects.

GitHub essentials are:-

1) Repositories

2) Branches

3) Commits

4) Pull requests

5) Git.

1. Repository: A GitHub repository can be used to store a development project. It can contain folders and any type of files. Repository should also include a licence file and README file about the project. It can also be used to store files, or any resources that you want to share.

2. Branch: A GitHub branch is used to work with different versions of a repository at the same time.

3. Commits: At GitHub, changes are called commits. Each commit (change) has a description explaining why a change was made.

4) Pull requests: pull requests are the heart of GitHub Collaboration

2) Git As a Version Control System?

A Version Control System is a sw that tracks changes to a file or set of files overtime so that you can recall specific versions later. It also allows you to work together with other programmers.

3) What is working directory and staging area?

The working area is where files that are not handled by git. These files are also referred to as untracked files. Staging area is files that are going to be a part of the next commit, which lets git know what changes in the files are going to occur in the next commit.