

2. What is the difference between Git and GitHub?

- Git is a version control system that lets us manage and keep track of the source code history whereas GitHub is an online platform which lets us manage the Git repositories.

3. What is Git workflow?

- A Git workflow is a set of recommendation steps on how to use the Git to accomplish a consistent and productive result for the project.

A common Git workflow works in the following way:

- Clone the master repository to local machine
- Create a branch off master
- Work and make changes on the branch
- In the end, merge it back to the master branch.

4. How many types of version control systems are there?

- There are two types of version control systems. They are centralized version control system and distributed version control system.

In a centralized version system, there is a single central copy of the project on a server and all the changes are committed to that central copy. The required files can be pulled from the server but there will never be a full copy or clone of the project on the local machine.

In a distributed version system, a clone can be made of the repository on a local machine which gives the full history of the project.