**Git And GitHub**

Git

Download and install Git

<https://git-scm.com/downloads>

GitHub

Signup and Create Account

<https://github.com/>

**Version Controlling System (Tool)**

1. Is use to manage the code version (File version management).
2. Using VCS tool you can integrate the code from the multiple developer.
3. The after every commit the code version will be manage.
4. You can easily switch back to an older version.
5. Along with the file version it also maintains the metadata of the file such as the owner, version, date time, messages actual changes.
6. There are two typed of VCS tool
   1. Centralized VCS
      1. The File and metadata will be store into a single central system from where every user will be use the files.
   2. Distributed VCS
      1. The file and metadata will be store into a single location from where every user can get the file also every user will be a server as well there the file and its metadata will be store.

