**Git and GitHub**

**Git:**

It is VCS (Version Control System) tool. This has installed on the local system. Using which you can work with the local repositories. It will also use as local client for GitHub.

Link to download Git: <https://git-scm.com/downloads>

Installation Guide: <https://www.youtube.com/watch?v=4xqVv2lTo40>

**GitHub:**

It is a web application which provides cloud repository also known as remote repository

Create Account on GitHub: <https://github.com/signup?ref_cta=Sign+up&ref_loc=header+logged+out&ref_page=%2F&source=header-home>

**GitHub Desktop**

Installation Link:<https://desktop.github.com/>

**VCS (Version Control System)**

1. Version control System is use to create a backup of your files and maintains the version of the file.
2. You can easily switch between a versions.
3. It will also store all details related to version like owner, files, date time, message etc.
4. You can also compare file from two version easily.
5. It is an efficient and easy way to maintain a backup/version of your file.
6. There are 2 types of version control tool.
   1. Centralized VCS
      1. All the files, their version and their details will be store at the central system.
      2. There will be a single service to which other systems will be connected.
   2. Distributed VCS
      1. All file, version and details will store on all client system.
      2. Every client work as a client and server both.