**Version Control System (VCS) tools.**

1. VCS tools are use to manage the project(Code) files.
2. It is use to Integrate the code of multiple developer.
3. VCS tool manages the version of the every push on the repository.
4. Repository is a location where all the files, version, details and the file backup will be present.
5. You can easily switch between one to one version to another.
6. There are 2 types of VCS tool
   1. Centralized VCS
   2. Distributed VCS



Install Git on Local System

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

Installation Guide : <https://www.atlassian.com/git/tutorials/install-git#windows>

GitHub

Create a free account on GitHub

<https://github.com/>

Use Git Bash to Execute Git Command

1. Right click and select “Git Bash Here” option
2. It will open a Linux prompt.

**Git User Configuration**

git config --list

This command is to get the list of configurations of Git.

git config --global user.name “YourUserName”

To set the user name globally

git config --global user.email “Youremail”

To set the email id globally

**Git Repository**

**git init**

Open a Git Bash from a location where you wants to create local repository. Using this you can create an empty local repository. You can verify the Repository is created on not using .git folder. this is by default hidden folder and will be used by Git for the operations.