**Git:-**

**#. Git is a distributed Version Control System that track changes in the source code during software development.**

**#. It allow multiple developers to collaboarte on project by managing different version of files and code.**

**#. Keeping track of changes and faciliting collaboration.**

**Step 1 : Check if git is already installed.**

**git --version**

**Step 2 : Download the Git Installer from https://git-scm.com/downloads/win**

**Step 3 : Run the Installer and Install Git**

**Step 4 : Check if git is installed git --version**

**Create GitHub Account.**

**Step 1 : Go to the https://github.com/ and Sign up**

**Step 2 : Login into the GitHub**

**Step 3 : Create a Repository.**

**Git Commands**

**Step 1 : Create a folder and Open Git Bash/CMD and to the folder location.**

**Step 2 : Run Commands**

git config --global user.email "yourGithubemialid"

git config --global user.name "YourGitHubUserName"

Step 3 : Initialize the Git **git init**

**Step 4 : Add 1 file**

**Step 5 : git status**

**Step 6 : git commit -m "commit message"**

**Step 7 : git status**

**Step 8 : git remote add origin**  git remote add origin https://github.com/DEEPAKKAMDE/JavaTrainingMorningBatch.git

**Step 9 : git remote show Origin**

**Step 10 : git push -u origin master**

**#. git log : This Command is used to track the commit history.**

**Note:- Every Commit has a unique id (** commit 140f328cddecb41adefcd0fb76b190e6aaffb77c )

**which is called as CheckSum.**



