**Git**

* Git is an version control system
* Designed to handle everything from small project to large project with speed and efficiency.

**It is used for:**

* Tracking code changes
* Tracking who made changes
* Coding collaboration

What is version control system?

* Version control system is an repository of files.
* Every changes made to the files are tracked by revision.
* Along with who made changes ,why they made changes and reference to the problem fixed or enhancements enrolled by the changes.
* Known as remote control system or source code management.

Types of version control system:

There are 3 types of version control system

1. Local version control system
2. Centralized version control system
3. Distributed version control system

**Create repo:**

First create directory:

mkdir directory name

Cd change to the current directory.

Git initialization:

After completion of above given process use

Git init

To make that file to version control system

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Timeline

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Add file :

* Adds file staging area for git
* After creating git repo
* create files in your favorite editor then save and move to the folder.
* 1st add files on staging:
* Git add filename
* Can add one or more files in staging
* Git add . commend move all the files from working repository to staging repository

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Commit:

Git commit commend used to record the changes made to the files in a local repository.

A screenshot of a computer

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-m using to give message

Modifying the files and commit :

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**Git config**

After installation of git we want to do some basic operation.

Git config --global user.name “name”

Git config –global user.email “email”

We can use without global also but when you are working in team you need to use global name to identity of user

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