

GIT:

-full form : Global Information Tracker

-Applications: Track,secure,manage,merge,conflicts resolution,code freezing,coding collaboration,Manage different versions of project

-Main application is for code:

-Clone:

-Repository:

-Branches:

-Tags:

-Labels:

-Author:

-Permission:

-pull:

-push:

-merge:

-commits:

-revoked:

-PR:

-BASIC STEPS:

-(1)Install GIT locally:

- create an account in github

- configure username and password:

- generate token as per new guidelines:

- create repo

-(2)Make Directory git initialized:

-(3)Configure username & password:

-(4)Make a repository :

- (5)Create Branch:
- (6)Add files:
- (7)Commit Code:
- (8)Push the Code:
- (9)Pull the Code:

-Conflicts:

-Merging:

- Traversing Branch:
- Cloning repo:
- Create new Branch:

Explore bitbucket and gitlab:

-Live Example from projects:

-Taks:

learn GitHub

- create demo of git
- make repository
- perform git commands(including fetch,add,delete branch)
- perform cloning and remotely access repository
- Push project on github
- push and pull commands
- create conflicts and manage conflicts
- perform git logs commands
- git stage commands (perform stage operations)
- make branch, transfer files between branches
- revoke changes or commits from branches
- hard reset —soft reset

- reset pushed changes from git branches
- clone repository of any project from github in your local
- forking in git
- add collaborators in repository