What is git ?

Git si version open source control system ; git manage code history

And git track changes.

Github is largest Development platform and cloud hosting collaboration provider git repository hosting

1. Git init : initialization repository
2. git add . : means add file to repository
3. git commit –m “ added first file”.
4. When we want to see our last commit in git so
5. git log
6. how can add branch our repository?
7. git branch
8. git branch second-branch
9. switch a norther branch
10. git checkout third-branch
11. git add wali.txt
12. what is merge and head and branches is git ?
13. **Switch commands is git** : We can switch one branch to other branch by **Switch Command.**
14. How we can **Delete Data** from our project **Data simply means (** commits , branch , files and so on )

**So we have write:** git rm filename .

**Git clean –**dn

**Git clean –**df this can delele all files;

**Git ls-**files : we can list our all files in repository

Git checkout second.index

Restore and resete commands ?

Git reset --soft HEAD~1

Git commit –m “unrequired files”

Git reset -- hard Head~1 : it delete working directory

How can delete branch ?

Git branch –D branchName

How can delete multiple branches in repository

Git branch –D second-branch third-branch

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.git –version ; vesion (check installed Git version)

git init: create empty Git repository

git status check working directory & saging area sataus

git log display commits in current branch

git ls-files : to list all files

­­­­­­­­­­Add and Commit of Data

git add filename : Add single file or all files in staging area.

git add .

git commit –m “message” : create new commit.

Git checkout commitid Checkout commit (detached head)

Create branches

git branch branchname : create new branch.

also; git switch branchname :

git checkout branchname: Go to branch.

git checkout –b branchname or go git –c branchname ; Create and access new branch

git merge otherbranch bring other branch’s change to current branch

Delete/Undo

git rm filename : run command ofter file was deleted from working dirctory

git add filename

git chechout(--) . : Revert changes in tracked files

git restore filename

git clean –of : delete uncheck file

git reset filename& : Remove files from staging area.

git checkout –filename

git restore –stage filename

git reset HEAD~1 : Undo lastest (~1) commit.

git reset –soft HEAD~1

git reset –hard HEAD

Remove branches

git branch –D branchname : Delete branch.