Git

Version Control System is a tools that helps to track changes in code

Git is a Version control System. It is:

Popular

Free & open source

Fast & scalable

Uses :

Track the history

Collaborate

Github

Website that allows developers to store and manage their code using Git

<https://github.com>

Configuring Git

git config –global user.name “My Name”

git config –global user.email “someone@email.com”

git config –list

Clone & Status

Clone - Cloning a repository on our local machine

git clone <- some link->

Status - displays the state of the code

git status

Git Statuses:

Untracked – new files that girl doesn’t yet track

Modified – changed

Staged – file is ready to be committed

Unmodified – unchanged

Add & Commit

add - adds new or changed files in your working directory to the Git staging area

git add <- file name ->

commit – it is the record of change

git commit –m “some message”

Push Command

push – upload local repo content to remote repo

git push origin main

origin - repo name

main – branch name

Init Command

Init – used to create a new git repo

Git init

Git remote add origin <-link->

Git remote –V (to verify remote)

Git branch (to check branch)

Git branch –M main (to rename branch)

Git push origin main