**GIT (Global Information Tracker)**

Git config: This command sets the author name and email address respectively to be used with your commits. Git allows you to customize and set various configuration options like .

Git config --global user.name “saibaji”

Git config –global user. Email [bajisai77@gmail.com](mailto:bajisai77@gmail.com)

Git in it:

Init is short for initialization and is a term used in computing to refer to process of setting up a system. This command is used to start a new repository.

Git init

Git clone:

Git clone Is primary used to point to an existing repo and make a clone or copy of the repo and a new dictionary at the anther location.

Git clone https://github.com/udaykishore234/git2.git

Git add:

Git add commend is used to move changes made to file in your working directory to staging area.

Git add.

Git commit:

Git commit is a snapshot of your project at a specific point in the time.

Git commit -m “this is my commit”

Git diff:

Diffing is a function that takes two input date sets and output the changes between them.

Git diff

Git reset:

Reset is the commend we use when we want to move the repository back to previous commit.

Git reset

Git rm:

Git used to remove a file a git repository.

Git remove -u file name

Git log:

Git log commend the commit history to git repository.

Git log

Git show:

Git show displays details about a specific commit in a git repository history.

Git show

Git tag :

Used to create a label or marker on a specific commit in your repository

Git tag

Git branch:

Create a tag on a specific branch

Git branch -m main

Git checkout:

Used to switch between different branch with in a repository.

Let’s you navigate between the branches created by get branch.

Git merge:

Gits way of putting a forked history back together again.

Git merge name

Git remote:

Allows you to mange these connections, adding, new remotes, viewing existing ones or deleting them.

Git remote

Git push:

Used to upload local changes from your repository to a remote repository.

Git push -u origin main

Git pull:

Used to fetch and download content from a remote repository and immediately upload the local repository to match that content.

Git pull name

Git stash:

A feature that allows to temporary save your committed changes to your working directory.

Git stash apply