# **Git**

## Installation

sudo apt-get update

sudo apt-get install git

git --version

sudo apt-get install libcurl4-gnutls-dev libexpat1-dev gettext libz-dev libssl-dev asciidoc xmlto docbook2x

git config --global user.name "shubham-2221"

git config --global user.email "shubham@cedcoss.com"

git config -l

## Starting With Fresh Repository

### First login your github account to web browser

### Then create a new repository

### Now open Terminal and run following command:-

git clone https://github.com/Cedcoss-Technologies/ServerConfig.git

cd magento2/

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/Cedcoss-Technologies/ServerConfig.git

git push -u origin main

git status

### **Display the history of commits (all modifications made on the project).**

git log

### Revert back all your changes since the last commit.

git checkout

### Revert all changes on a specific file since the last commit.

git checkout [FILENAME]

### Display the last changes on a file since the last commit.

git diff [FILENAME]

### Remove all unexpected files in your project (not committed).

git clean -dfx

### Add all files and make a commit at the same time.

git commit -am [MESSAGE]

## Create Branch in git

### List all of the branches in your repository

git branch

### Create a new branch called “testing”

git branch testing

### Delete the specified branch

git branch -d testing

### Force delete the specified branch, even if it has unmerged changes

git branch -D testing

### Rename the current branch

git branch -m newtesting

## Create a new repository using git cli

curl -u 'shubham-2221' https://github.com/shubham-2221/repos -d '{"name":"Repository Name"}'

git push https://User\_name:Auth\_token@github.com/repos\_name.git