1.In your shell, add your full name:

git config **--global** user.name "John Doe"

1. Add your email address:

git config **--global** user.email "your\_email\_address@example.com"

1. To check the configuration, run:

git config **--global** **--list**

1. Run this command:

git clone <https://github.com/ashrafulabir1/practice1>

1. Run this command:

Cd practice1/

Convert a local directory into a repository

git init

Add a remote

git remote add origin [git@gitlab.com:ashrafulabir/test](mailto:git@gitlab.com:ashrafulabir/test)

View your remote repositories

git remote **–v**

Download the latest changes in the project

git pull origin other-branch

### Create a branch

git checkout **-b** <name-of-branch>

View differences

git diff

View the files that have changes

git status

Add and commit local changes

git add <file-name OR folder-name>

1. To commit the staged files:

git commit **-m** "COMMENT TO DESCRIBE THE INTENTION OF THE COMMIT"

Stage and commit all changes

git commit **-a** **-m** "COMMENT TO DESCRIBE THE INTENTION OF THE COMMIT"

### Send changes to GitLab

git push origin <name-of-branch>

Delete all changes in the branch

git checkout .

Unstage all changes that have been added to the staging area

git reset

Undo most recent commit

git reset HEAD~1

Merge a branch with default branch

git checkout <default-branch>

git merge <feature-branch>