# Git Hands-On Lab: Process Documentation

Date: August 08, 2025

Author: Kullayi Reddy

## Step 1: Initialize Git Repository

- Opened Git Bash.  
- Navigated to the project folder.  
- Ran the command: git init  
- Result: Initialized empty Git repository in ~/GitDemo.

## Step 2: Create and View Untracked File

- Created a file named welcome.txt.  
- Checked status using: git status  
- Output: welcome.txt was listed as an untracked file.

## Step 3: Attempted to Commit Without Adding

- Ran: git commit  
- Output: nothing added to commit but untracked files present.

## Step 4: Add File to Staging Area

- Executed: git add welcome.txt  
- Output: No errors. File successfully added to staging area.  
- Warning received: 'LF will be replaced by CRLF' – this is normal on Windows systems.

## Step 5: Commit the File

- Ran: git commit -m "Add welcome.txt file"  
- Output: 1 file changed, 1 insertion(+). File committed successfully.

## Step 6: Verify Commit

- Used: git log  
- Output: Displayed commit hash, author, date, and commit message.

## Step 7: Check Final Status

- Ran: git status  
- Output: nothing to commit, working tree clean – confirming the working directory is up to date.  
