**Step 1: Setup Git Configuration**

**1. Verify Git installation**

git --version

**2. Configure username & email**

git config --global user.name "Your Name"

git config --global user.email "youremail@example.com"

**3. Verify configuration**

git config --list

**Step 2: Integrate Notepad++ as Default Git Editor**

**1. Check if Notepad++ works in Git Bash**

notepad++

If you get *command not found*, add its path to the environment variable:

**Windows steps:**

* Control Panel → System → Advanced system settings
* Advanced tab → Environment Variables → Edit "Path" → Add the path of notepad++.exe (e.g., C:\Program Files\Notepad++)

Restart Git Bash and test again:

notepad++

**2. Create alias for quicker launch**

alias np='notepad++'

(You can also add this alias permanently in your Git Bash profile file ~/.bashrc or ~/.bash\_profile.)

**3. Set Notepad++ as default Git editor**

git config --global core.editor "'C:/Program Files/Notepad++/notepad++.exe' -multiInst -notabbar -nosession -noPlugin"

**4. Verify editor setting**

bash

CopyEdit

git config --global -e

This opens your Git global config file in Notepad++.

**Step 3: Add a File to a Git Repository**

**1. Create a project folder & initialize repo**

mkdir GitDemo

cd GitDemo

git init

**2. Create a file and add content**

echo "Welcome to Git!" > welcome.txt

**3. Check file list**

ls

**4. View file content**

cat welcome.txt

**5. Check status**

git status

**6. Stage the file**

git add welcome.txt

**7. Commit with a message**

git commit -m "Add welcome.txt file"

**Step 4: Push to Remote (GitLab)**

**1. Create a remote repo in GitLab**  
Name it GitDemo (empty, no README).

**2. Add remote to local repo**

git remote add origin https://gitlab.com/your-username/GitDemo.git

**3. Pull remote (if needed)**

git pull origin master

**4. Push local commits to remote**

git push origin master

