**Familiar with Git commands like git init, git status, git add, git commit, git push, and git pull.**

**Step 1: Setup Git Configuration**

First, make sure Git is installed.

1. **Check Git installation**  
   Open Git Bash and run:

git --version

Example output:

git version 2.45.0.windows.1

If you see the version, Git is installed correctly.

1. **Configure your Git username and email**

git config --global user.name "Naresh939286"

git config --global user.email "22eg105p10@anurag.edu.in"

These details will appear on your commits.

1. **Verify configuration**

git config --global --list

You should see something like:

user.name=Naresh939286

user.email=22eg105p10@anurag.edu.in

**Step 2: Make Notepad++ the Default Git Editor**

1. **Check if Notepad++ is in PATH**  
   In Git Bash:

notepad++

* + If it opens, you’re good.
  + If you see command not found, you must add it to Environment Variables.

1. **Add Notepad++ to PATH (Windows)**
   * Go to:  
     Control Panel → System and Security → System → Advanced system settings
   * Click Environment Variables.
   * Under **User variables**, select Path → **Edit** → **New**.
   * Add the path to your Notepad++ installation, e.g.:

C:\Program Files\Notepad++\

* + Save and restart Git Bash.

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

git config --global core.editor "notepad++ -multiInst -nosession"

**Step 3: Create a Git Repository and Add a File**

1. **Create a new folder for your project**

mkdir GitDemo

cd GitDemo

1. **Initialize Git**

git init

1. **Create a file and open in Notepad++**

notepad++ example.txt

Write something in the file, save, and close.

1. **Check status**

git status

1. **Stage the file**

git add example.txt

1. **Commit the file**

git commit -m "First commit"

**Step 4: Push to Remote Repository (GitHub or GitLab)**

1. Create a repository in **GitHub** or **GitLab** (named GitDemo).
2. Link your local repo to the remote:

git remote add origin https://github.com/YourUsername/GitDemo.git

1. Push the commit:

git branch -M main

git push -u origin main





