## Git-HOL

### Task 1: Setting Up Git and Notepad++ as Default Editor

**Objectives:**

* Set up Git on your local machine.
* Configure Notepad++ as the default Git editor.
* Create and commit a simple file to your Git repository.

**Step 1 – Git Configuration**

1. **Check if Git is installed**

git --version

You should see something like git version 2.x.x.

1. **Set your Git username & email**

git config --global user.name "Rushtha1401"

git config --global user.email "rushthafiradousoffcl@gmail.com"

1. **Verify configuration**

git config --list

**Step 2 – Make Notepad++ the Default Editor**

1. **Check if Notepad++ runs from Git Bash**

notepad++

* + If **“command not found”** → Add its path (e.g., C:\Program Files\Notepad++) to your Windows **PATH** in  
    Control Panel → System → Advanced system settings → Environment Variables → Path.

1. **Restart Git Bash** and test:

notepad++

1. **Create alias** (optional, so you can open it via npp):

alias npp="notepad++"

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

config --global core.editor "notepad++ -multiInst -notabbar -nosession -noPlugin"

1. **Verify editor config**:

git config --global -e

This opens the global config in Notepad++.

**Step 3 – Add a File to Repository**

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

mkdir GitDemo

cd GitDemo

git init

1. **Check hidden .git folder exists**

ls -a

1. **Create a file**

echo "Welcome to Git Demo" > welcome.txt

1. **Verify file creation**

ls

cat welcome.txt

1. **Check status**

git status

1. **Add file to staging area**

git add welcome.txt

1. **Commit with multi-line message**

git commit

*(Notepad++ opens — type your commit message, save, close)*

1. **Check status again**

git status

**Step 4 – Push to Remote Repository**

1. **On GitLab**, create a remote repository named **GitDemo**.
2. **Link it to local repo**

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

1. **Pull (in case remote has updates)**

git pull origin master

1. **Push to remote**

git push origin master