Git ASSIGNMENT 1

Git Repository: https://gitlab.com/projita2003kar/gitdemo

Step 1: Setup your machine with Git Configuration

```
proji@PROJITA_KAR MINGW64 ~
$ git --version
git version 2.44.0.windows.1

proji@PROJITA_KAR MINGW64 ~
$ git config --global --list
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
user.name=PROJITA KAR
user.email=projita2003kar@gmail.com
core.autocrlf=true
core.editor=notepad++.exe -multiInst -notabbar -nosession -noPlugin
```
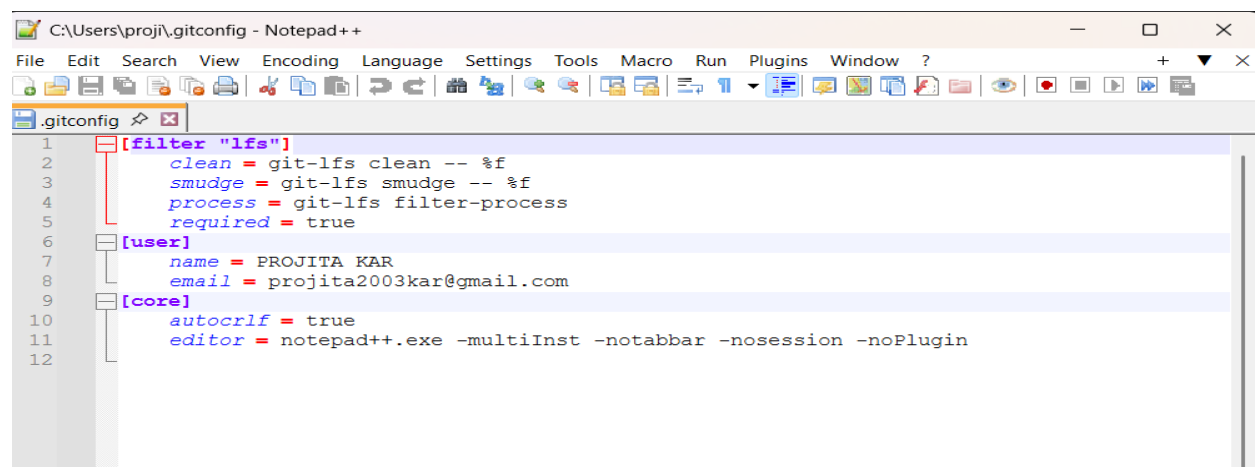
Step 2: Integrate notepad++.exe to Git and make it a default editor

```
proji@PROJITA_KAR MINGW64 ~
$ notepad++

proji@PROJITA_KAR MINGW64 ~
$ git config --global core.editor "notepad++.exe -multiInst -notabbar -nosession -noPlugin"

proji@PROJITA_KAR MINGW64 ~
$ git config --global -e

proji@PROJITA_KAR MINGW64 ~
$ git config --global core.editor
notepad++.exe -multiInst -notabbar -nosession -noPlugin
```

```
C:\Users\proji\.gitconfig - Notepad++
File  Edit  Search  View  Encoding  Language  Settings  Tools  Macro  Run  Plugins  Window  ?

.gitconfig

 1  [filter "lfs"]
 2      clean = git-lfs clean -- %f
 3      smudge = git-lfs smudge -- %f
 4      process = git-lfs filter-process
 5      required = true
 6  [user]
 7      name = PROJITA KAR
 8      email = projita2003kar@gmail.com
 9  [core]
10      autocrlf = true
11      editor = notepad++.exe -multiInst -notabbar -nosession -noPlugin
12
```

Step 3: Add a file to source code repository

```
proji@PROJITA_KAR MINGW64 ~
$ cd ~/Downloads

proji@PROJITA_KAR MINGW64 ~/Downloads
$ mkdir GitDemo
```

```
proji@PROJITA_KAR MINGW64 ~/Downloads
$ cd GitDemo

proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo
$ git init
Initialized empty Git repository in C:/Users/proji/Downloads/GitDemo/.git/

proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ ls -al
total 516
drwxr-xr-x 1 proji 197609 0 Aug 10 22:48 ./
drwxr-xr-x 1 proji 197609 0 Aug 10 22:47 ../
drwxr-xr-x 1 proji 197609 0 Aug 10 22:48 .git/

proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ echo "Welcome to GitDemo project" > welcome.txt

proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ ls -al
total 517
drwxr-xr-x 1 proji 197609  0 Aug 10 22:49 ./
drwxr-xr-x 1 proji 197609  0 Aug 10 22:47 ../
drwxr-xr-x 1 proji 197609  0 Aug 10 22:48 .git/
-rw-r--r-- 1 proji 197609 27 Aug 10 22:49 welcome.txt

proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ cat welcome.txt
Welcome to GitDemo project
```

```
proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        welcome.txt

nothing added to commit but untracked files present (use "git add" to track)

proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ git add welcome.txt
warning: in the working copy of 'welcome.txt', LF will be replaced by CRLF the next time Git touches it

proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ git commit
Aborting commit due to empty commit message.

proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ git commit -m "Adding welcome.txt"
[main (root-commit) 6f84789] Adding welcome.txt
 1 file changed, 1 insertion(+)
 create mode 100644 welcome.txt

proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ git status
On branch main
nothing to commit, working tree clean
```

```
proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ git remote add origin git@gitlab.com:projita2003kar/gitdemo.git
```

```
proji@PROJITA_KAR MINGW64 ~/Downloads/GitDemo (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 259 bytes | 259.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/projita2003kar/gitdemo.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

Projita Kar / **GitDemo**

Adding welcome.txt
Projita Kar authored 26 minutes ago

6f847896   History

Name	Last commit	Last update
📄 welcome.txt	Adding welcome.txt	26 minutes ago

📄 **welcome.txt**   Find file   Blame   Edit ⌄   ⋮

Adding welcome.txt
Projita Kar authored 26 minutes ago

6f847896   History

📄 **welcome.txt** 27 B

```
1   Welcome to GitDemo project
2
```