

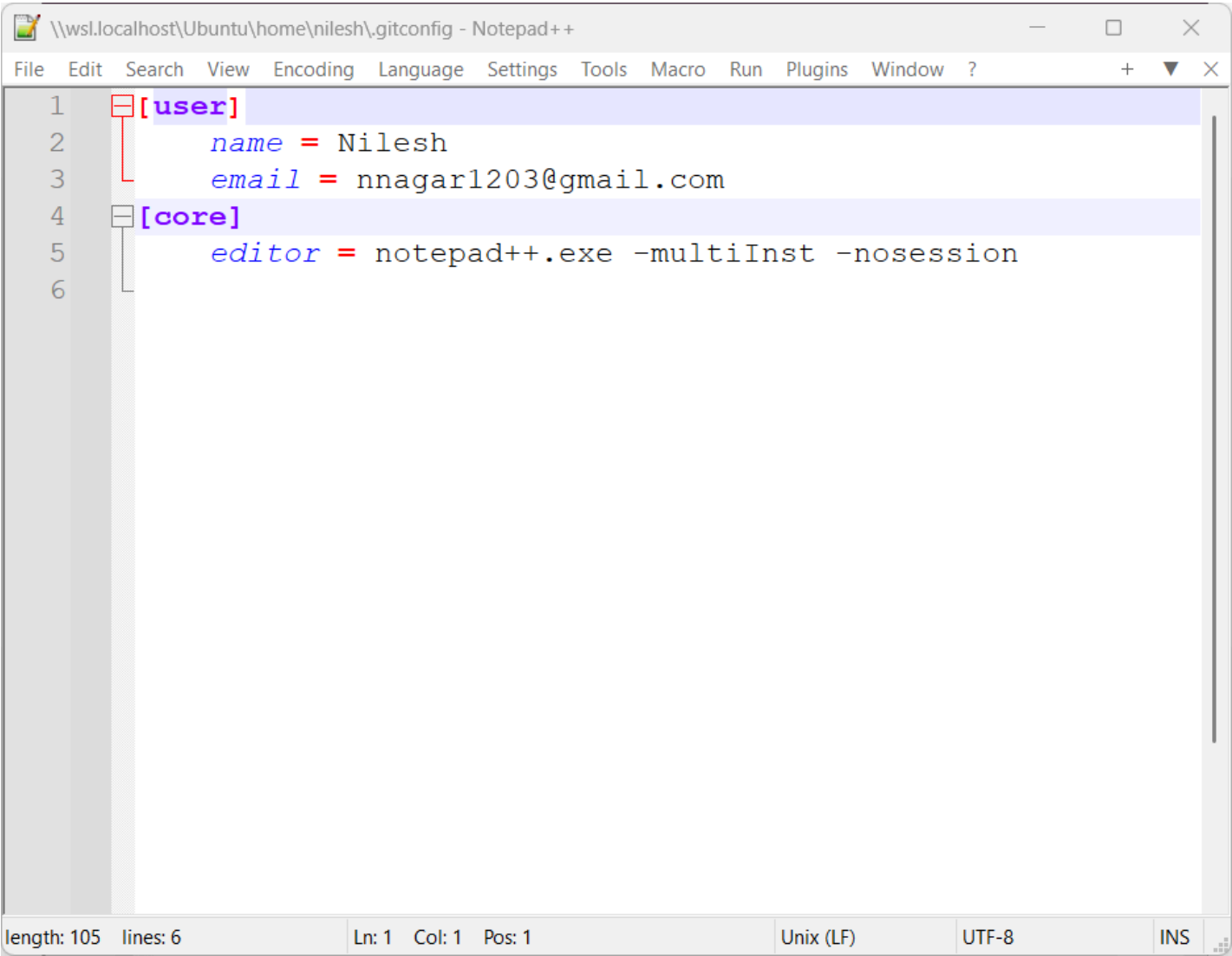
Output : 1. Git-HOL

Step 01 :-

```
nilesh@Jagriti: ~  
nilesh:~$ git version  
git version 2.34.1  
nilesh:~$ git config --global user.name "Nilesh"  
nilesh:~$ git config --global user.email "nnagar1203@gmail.com"  
nilesh:~$ git config --global --list  
user.name=Nilesh  
user.email=nnagar1203@gmail.com  
nilesh:~$
```

Step 02 :-

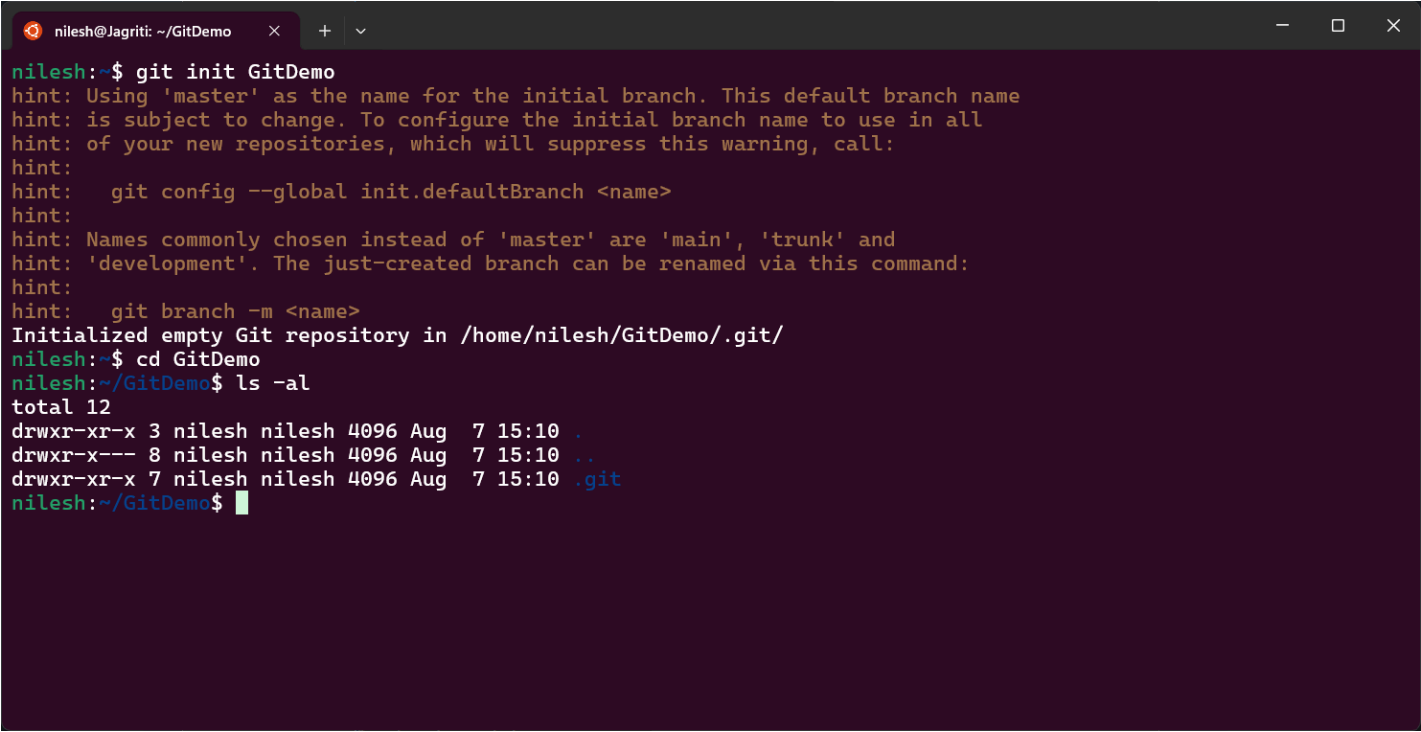
```
nilesh@Jagriti: ~  
nilesh:~$ notepad++.exe bash -profile  
nilesh:~$ git config --global core.editor "notepad++.exe -multiInst -nosession"  
nilesh:~$ git config --global -e  
hint: Waiting for your editor to close the file... █
```



```
1 [user]
2     name = Nilesh
3     email = nnagar1203@gmail.com
4 [core]
5     editor = notepad++.exe -multiInst -nosession
6
```

Step 03 :-

- 01 - Initialization of git in the repository



```
nilesh@Jagriti: ~/GitDemo
nilesh:~$ git init GitDemo
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/nilesh/GitDemo/.git/
nilesh:~$ cd GitDemo
nilesh:~/GitDemo$ ls -al
total 12
drwxr-xr-x 3 nilesh nilesh 4096 Aug  7 15:10 .
drwxr-x--- 8 nilesh nilesh 4096 Aug  7 15:10 ..
drwxr-xr-x 7 nilesh nilesh 4096 Aug  7 15:10 .git
nilesh:~/GitDemo$
```

- 02 - Creation of Text File

```
nilesh@Jagriti: ~/GitDemo
nilesh:~/GitDemo$ echo "Welcome to the version control" >> welcome.txt
nilesh:~/GitDemo$ dir
welcome.txt
nilesh:~/GitDemo$ ls -al
total 16
drwxr-xr-x 3 nilesh nilesh 4096 Aug  7 15:15 .
drwxr-x--- 8 nilesh nilesh 4096 Aug  7 15:10 ..
drwxr-xr-x 7 nilesh nilesh 4096 Aug  7 15:10 .git
-rw-r--r-- 1 nilesh nilesh  31 Aug  7 15:15 welcome.txt
nilesh:~/GitDemo$ cat welcome.txt
Welcome to the version control
nilesh:~/GitDemo$
```

- 03 - committing the changes to local repo

```
nilesh:~/GitDemo$ git status
On branch master

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)
nilesh:~/GitDemo$ git add welcome.txt
nilesh:~/GitDemo$ git commit
[master (root-commit) bf224e6] Initial commit
 1 file changed, 1 insertion(+)
 create mode 100644 welcome.txt
nilesh:~/GitDemo$ git status
On branch master
nothing to commit, working tree clean
nilesh:~/GitDemo$
```

- 04 - Pushed to remote repo

Cognizant_Java-FSE / GitDemo

gitlab.com/cognizant_java-fse/GitDemo/-/tree/bf224e69d1dd2e6049ce407f36192459e3b5896

Cognizant_Java-FSE / GitDemo / Repository

bf224e69d1dd2e604...

GitDemo

GitDemo

+ v

Find file

Code v

Initial commit

Nilesh authored 1 day ago

bf224e69 | History

Name	Last commit	Last update
welcome.txt	Initial commit	1 day ago