

2.Git-HOL

Installing Git

```
KIIT@BT-22051573 MINGW64 ~
$ git --version
git version 2.50.1.windows.1
```

Configuring the username and user-email

```
KIIT@BT-22051573 MINGW64 ~
$ git config --list
diff.astextplain.textconv=astextplain
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
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=true
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
gui.recentrepo=C:/Users/KIIT/https://github.com/theforage/forage-jpmc-swe-task-1
user.name=AmritaKumari17
user.email=amritakumari170105@gmail.com
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
core.editor=notepad++
```

Making new folder and initializing git

```
KIIT@BT-22051573 MINGW64 ~
$ mkdir Git_Ignore_Demo
cd Git_Ignore_Demo
git init
Initialized empty Git repository in C:/Users/KIIT/Git_Ignore_Demo/.git/

KIIT@BT-22051573 MINGW64 ~/Git_Ignore_Demo (master)
$ mkdir Git_Ignore_Demo
cd Git_Ignore_Demo
git init
Initialized empty Git repository in C:/Users/KIIT/Git_Ignore_Demo/Git_Ignore_Demo/.git/

KIIT@BT-22051573 MINGW64 ~/Git_Ignore_Demo/Git_Ignore_Demo (master)
$ alias notepad++="/c/Program Files/Notepad++/notepad++.exe"

KIIT@BT-22051573 MINGW64 ~/Git_Ignore_Demo/Git_Ignore_Demo (master)
$ notepad++ .gitignore
```

Creating and checking the file

```
KIIT@BT-22051573 MINGW64 ~/Git_Ignore_Demo/Git_Ignore_Demo (master)
$ alias notepad++="/c/Program\ Files/Notepad++/notepad++.exe"

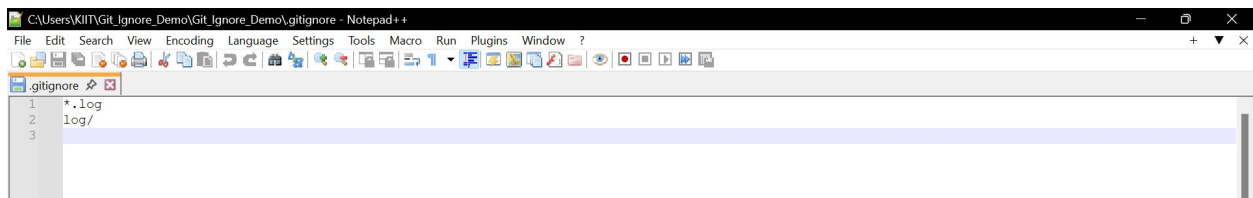
KIIT@BT-22051573 MINGW64 ~/Git_Ignore_Demo/Git_Ignore_Demo (master)
$ notepad++ .gitignore

KIIT@BT-22051573 MINGW64 ~/Git_Ignore_Demo/Git_Ignore_Demo (master)
$ git status
On branch master

No commits yet

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

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



Adding file to git and commit

```
KIIT@BT-22051573 MINGW64 ~/Git_Ignore_Demo/Git_Ignore_Demo (master)
$ echo "hello world" > main.txt
git add .
git commit -m "Initial commit with main.txt"
warning: in the working copy of 'main.txt', LF will be replaced by CRLF the next time Git touches it
[master (root-commit) 0da4340] Initial commit with main.txt
2 files changed, 3 insertions(+)
create mode 100644 .gitignore
create mode 100644 main.txt

KIIT@BT-22051573 MINGW64 ~/Git_Ignore_Demo/Git_Ignore_Demo (master)
$ git status
On branch master
nothing to commit, working tree clean

KIIT@BT-22051573 MINGW64 ~/Git_Ignore_Demo/Git_Ignore_Demo (master)
$ |
```