

# 1.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.fsckcache=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/the4orage/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_Demo

KIIT@BT-22051573 MINGW64 ~
$ cd Git_Demo

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

## Creating and checking the file

```
KIIT@BT-22051573 MINGW64 ~/Git_Demo (master)
$ echo "Welcome to Git!" > welcome.txt

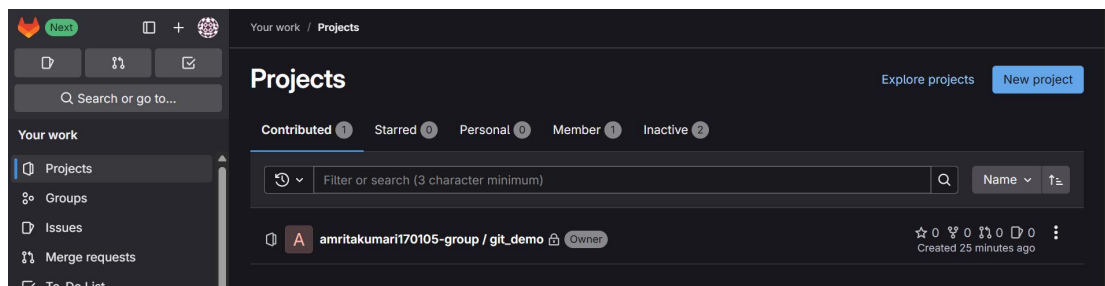
KIIT@BT-22051573 MINGW64 ~/Git_Demo (master)
$ cat welcome.txt
Welcome to Git!
```

## Adding file to git and commit

```
KIIT@BT-22051573 MINGW64 ~/Git_Demo (master)
$ git add welcome.txt
warning: in the working copy of 'welcome.txt', LF will be replaced by CRLF the next
time Git touches it

KIIT@BT-22051573 MINGW64 ~/Git_Demo (master)
$ git commit -m "Added welcome.txt with initial content."
[master (root-commit) 176ed09] Added welcome.txt with initial content.
1 file changed, 1 insertion(+)
create mode 100644 welcome.txt
```

## Creating GitLab repository



Link - [https://gitlab.com/amritakumari170105-group/git\\_demo.git](https://gitlab.com/amritakumari170105-group/git_demo.git)

## Add remote and push to gitlab

```
KIIT@BT-22051573 MINGW64 ~/Git_Demo (master)
$ git remote add origin https://gitlab.com/amritakumari170105-group/git_demo.git

KIIT@BT-22051573 MINGW64 ~/Git_Demo (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 255 bytes | 255.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/amritakumari170105-group/git_demo.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

## Confirming on GitLab:

