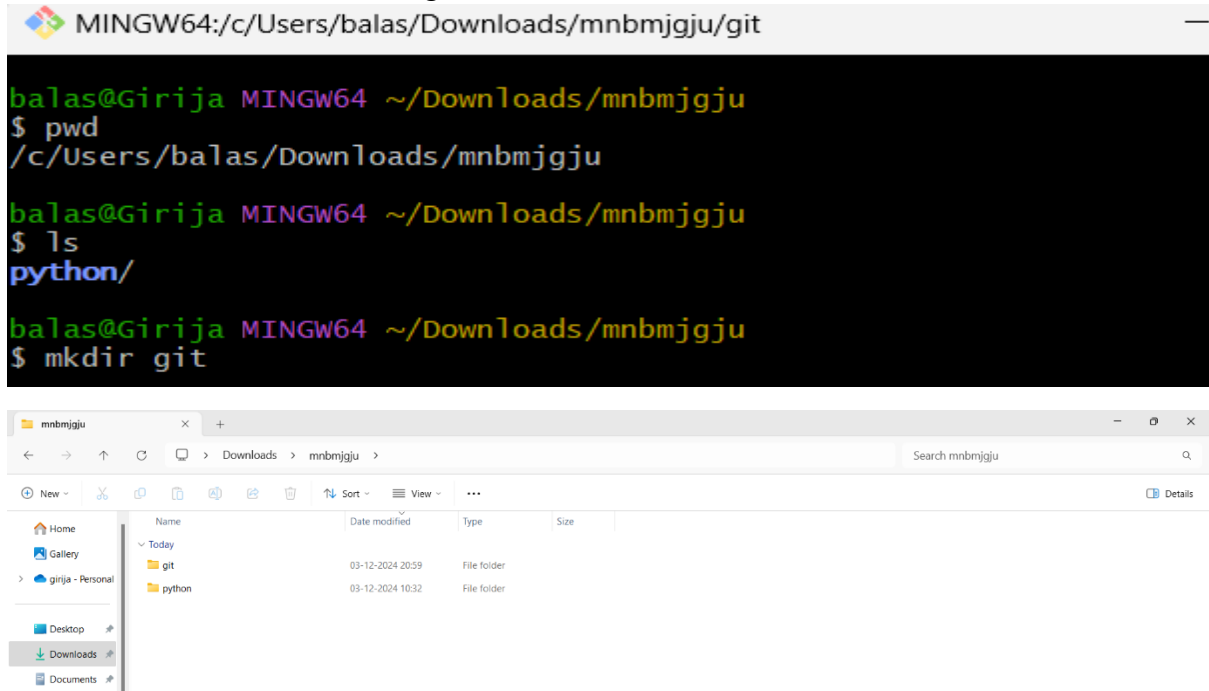


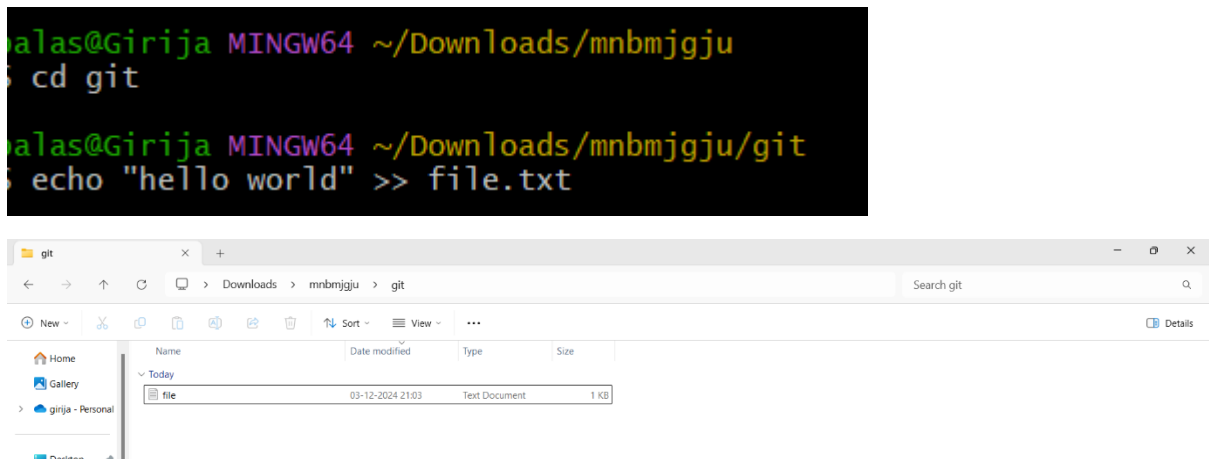
Girija B
192311044

Push in Git:

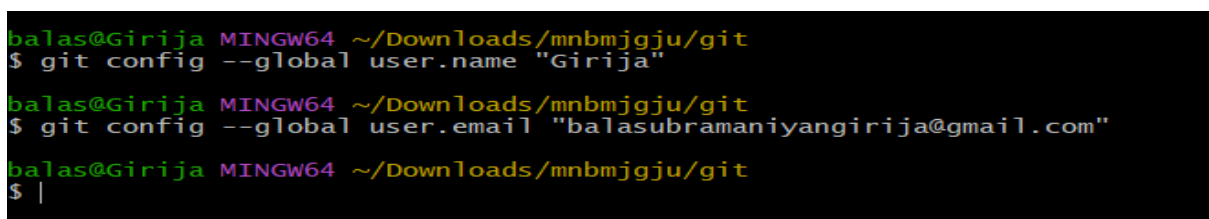
1. Create one new folder named git using mkdir git command.



2. Create a new file named file.txt under the new folder using echo "hello world" >> file.txt.



3. Give username and user email configuration as shown:



4. Confirm the configuration:

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git
$ git config --global -l
user.name=Girija
user.email=balasubramaniyangirija@gmail.com

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git
$ |
```

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git
$ git config -l
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=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=Girija
user.email=balasubramaniyangirija@gmail.com
```

5. Initialize a New Repository in this folder using git init. Here new repository is .git.

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git
$ git init
Initialized empty Git repository in C:/Users/balas/Downloads/mnbmjgju/git/.git/
```

6. Verify the new repository in folder.

Name	Date modified	Type	Size
▼ Today			
file	03-12-2024 21:03	Text Document	1 KB
.git	03-12-2024 21:10	File folder	

7. Type git status to check status.

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git status
On branch master

No commits yet

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

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

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$
```

8. Type git add file.txt to make the file trackable.

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git add file.txt
warning: in the working copy of 'file.txt', LF will be replaced by CRLF the next
time Git touches it
```

```

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   file.txt

```

9.Type git log to check commit history.Since npo commits yet it display as not committed yet. Type git commit -m "initial commit".

```

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git log
fatal: your current branch 'master' does not have any commits yet

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git commit -m"initial commit"
[master (root-commit) 475859a] initial commit
1 file changed, 1 insertion(+)
create mode 100644 file.txt

```

10.Now check the commit using git status and commit history using git log.

```

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git status
On branch master
nothing to commit, working tree clean

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$

```

```

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git log
commit 475859aae430ccfe930d38eb67d5c324fe69f5b7 (HEAD -> master)
Author: Girija <balasubramaniyangirija@gmail.com>
Date:   Tue Dec 3 21:14:39 2024 +0530

    initial commit

```

11.Now give name for the repository as test for sample and origin for the pushing file using git remote add.

```

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git status
On branch master
nothing to commit, working tree clean

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git remote add test https://github.com/Girija250/test

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git remote
test

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git remote add origin https://github.com/Girija250/test.git

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git remote
origin
test

```

12. Change the branch from master to main using git branch -M command.

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (master)
$ git branch -M main

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (main)
$
```

13. Type git push -u origin main to push the file to github repository.

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 228 bytes | 114.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Girija250/test.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

14. Open github profile and verify the file in the new repository.

