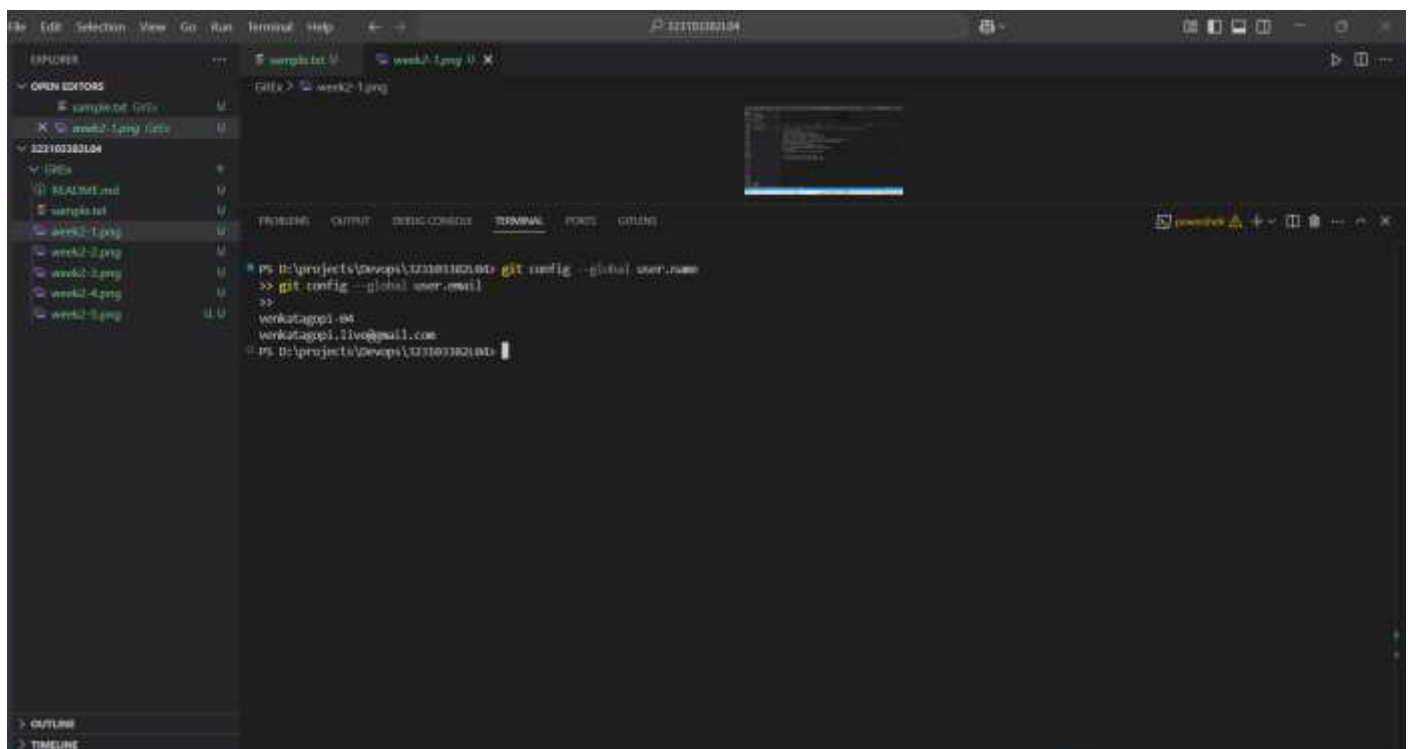


WEEK - 2

Use Git to perform the following tasks

- a) Setup and configuration(config etc.)
- b) Repository Management(init,clone etc.)
- c) Basic Snapshotting(status, commit,log etc.)



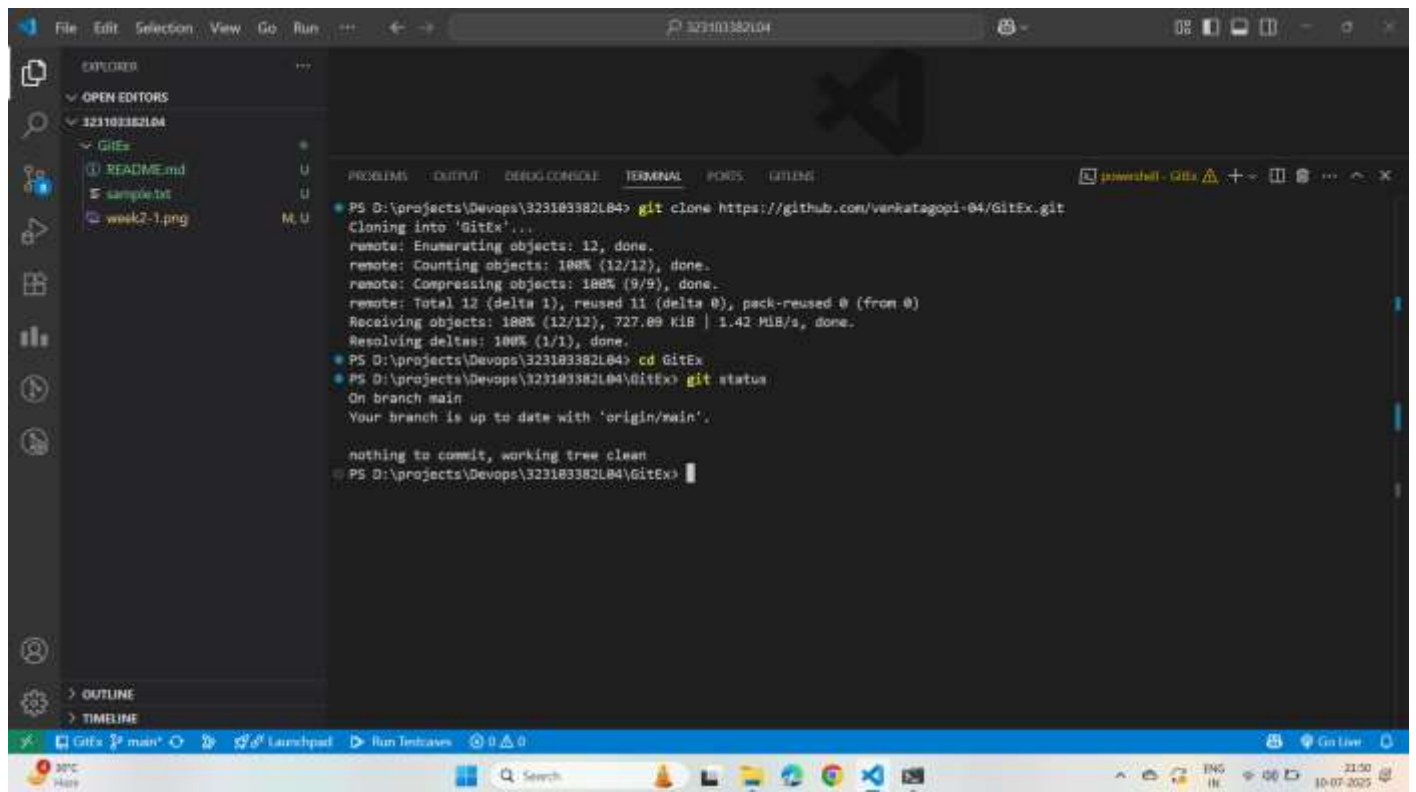
The screenshot shows a Visual Studio Code editor window with a terminal open. The terminal is running the following commands to configure Git globally:

```
PS D:\projects\Devops\323103382L04> git config --global user.name
>> git config --global user.email
>>
venkatasaji.ed
venkatasaji.live@gmail.com
PS D:\projects\Devops\323103382L04>
```

The left sidebar shows the Explorer view with a file tree containing files like `sample.txt`, `week2-1.png`, `week2-2.png`, `week2-3.png`, `week2-4.png`, and `week2-5.png`. The bottom status bar shows the current file is `week2-1.png`.

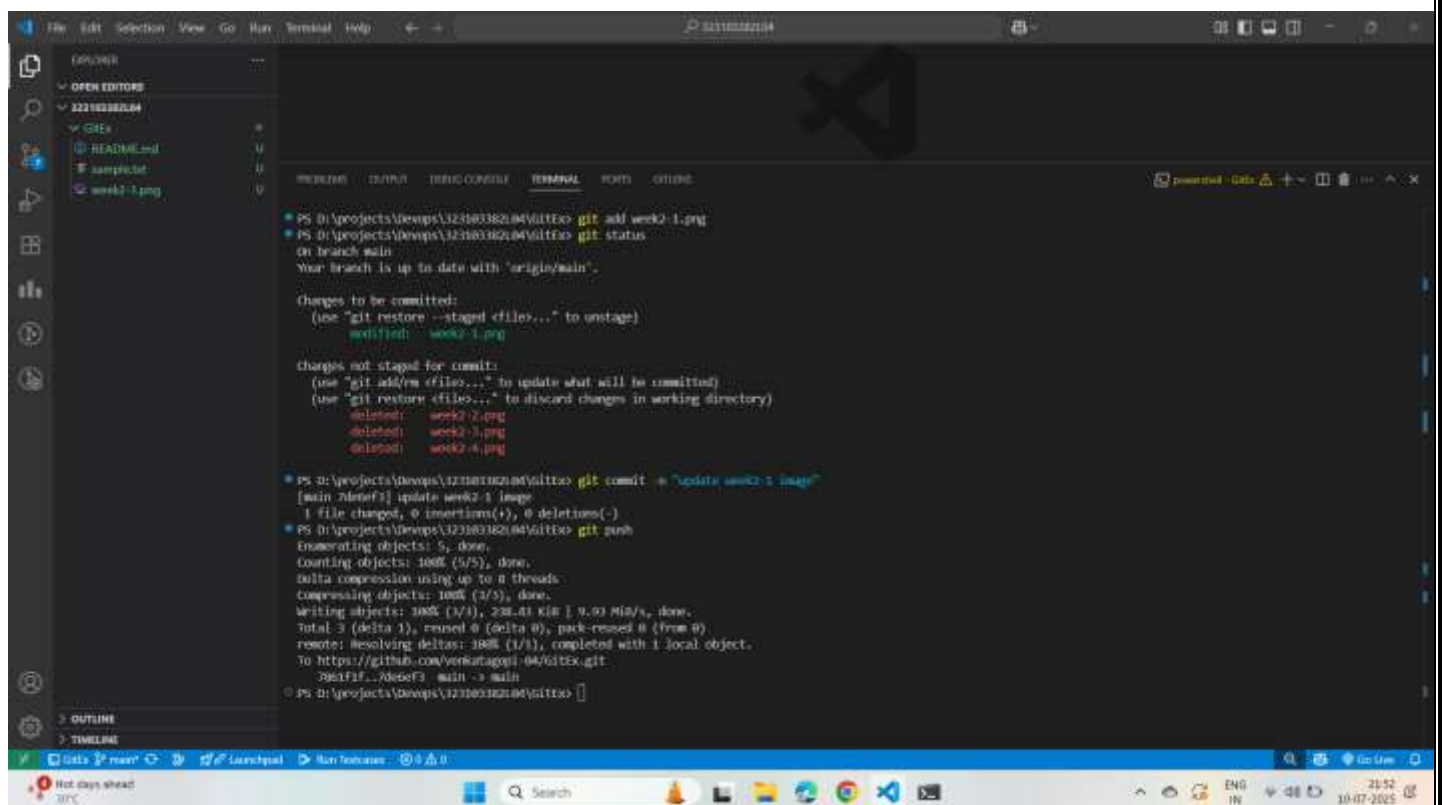
Configured global Git username and email using git config.

323103382L04



```
File Edit Selection View Go Run ... 323103382L04
EXPLORER
OPEN EDITORS
323103382L04
  README.md
  sample.txt
  week2-1.png
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GIT LENS
PS D:\projects\Devops\323103382L04> git clone https://github.com/venkatasgopi-04/GitEx.git
Cloning into 'GitEx'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (9/9), done.
remote: Total 12 (delta 1), reused 11 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (12/12), 727.89 KiB | 1.42 MiB/s, done.
Resolving deltas: 100% (1/1), done.
PS D:\projects\Devops\323103382L04> cd GitEx
PS D:\projects\Devops\323103382L04\GitEx> git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS D:\projects\Devops\323103382L04\GitEx>
```



```
File Edit Selection View Go Run Terminal Help 323103382L04
EXPLORER
OPEN EDITORS
323103382L04
  README.md
  sample.txt
  week2-1.png
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GIT LENS
PS D:\projects\Devops\323103382L04\GitEx> git add week2-1.png
PS D:\projects\Devops\323103382L04\GitEx> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   week2-1.png

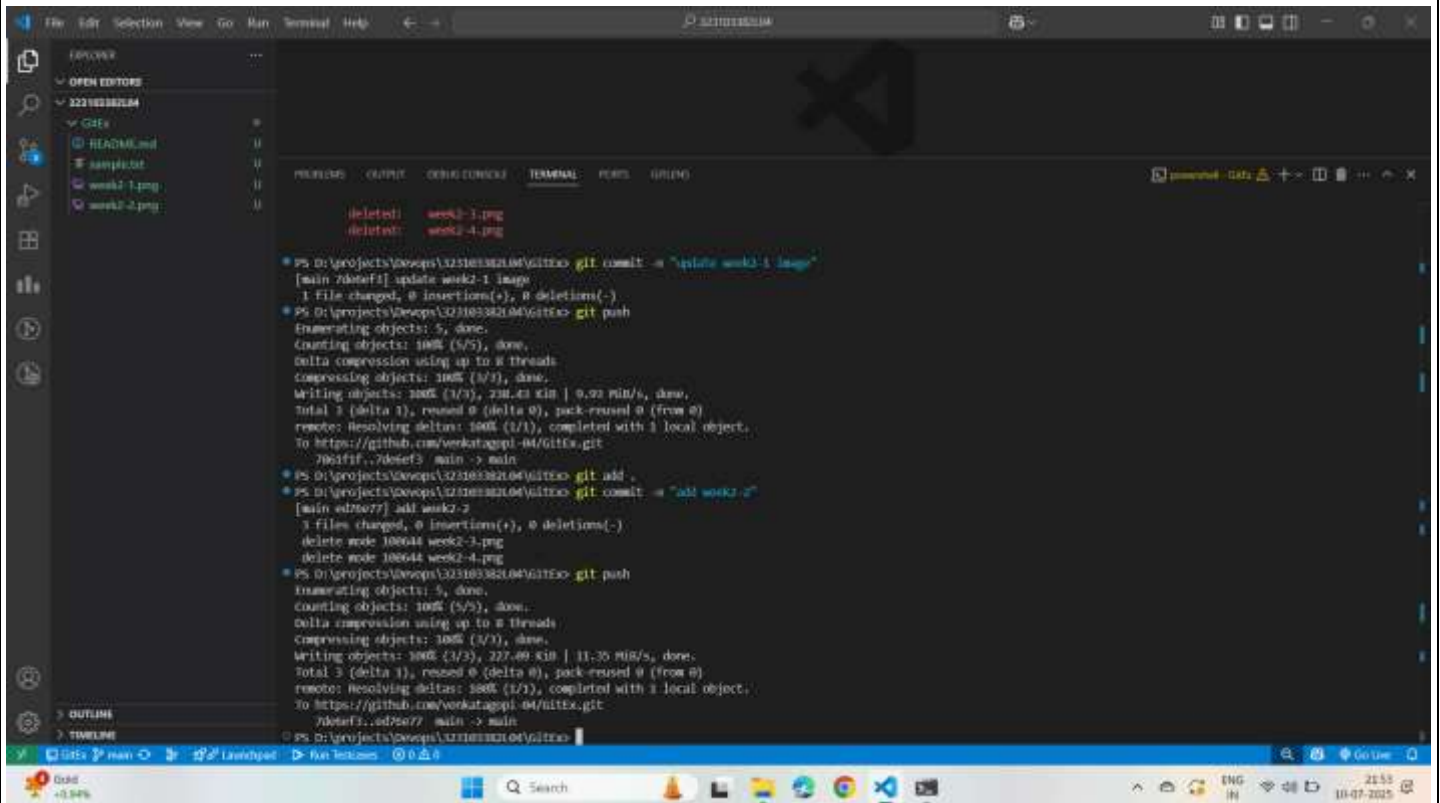
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    week2-1.png
        deleted:    week2-2.png
        deleted:    week2-4.png

PS D:\projects\Devops\323103382L04\GitEx> git commit -m "update week2-1 image"
[main 9b0ef3] update week2-1 image
1 file changed, 0 insertions(+), 0 deletions(-)
PS D:\projects\Devops\323103382L04\GitEx> git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (1/1), 238.41 KiB | 9.63 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/venkatasgopi-04/GitEx.git
  9b0ef3..9b0ef3  main -> main
PS D:\projects\Devops\323103382L04\GitEx>
```

Cloned remote repository from GitHub and verified status with git status

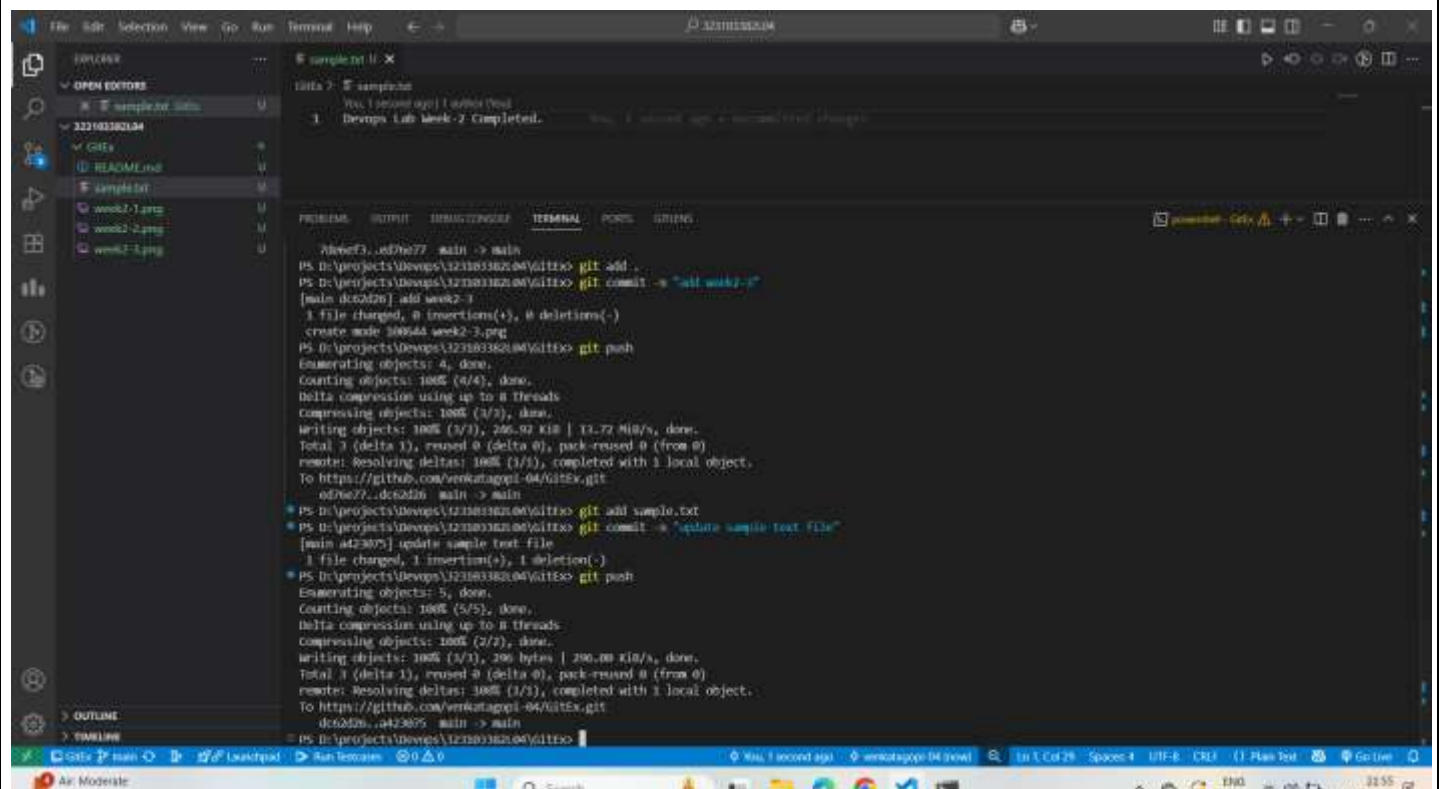
Staged changes to week2-1.png, committed with a message, and pushed to GitHub.

323103382L04



```
deleted: week2-1.png
deleted: week2-4.png

PS D:\projects\Devops\323103382L04\gitex> git commit -m "update week2-1 image"
[main 7d0ef3] update week2-1 image
1 file changed, 0 insertions(+), 0 deletions(-)
PS D:\projects\Devops\323103382L04\gitex> git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 238.43 KiB | 9.92 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/verkatagpi-04/gitex.git
7d0ef3f..7d0ef3 main -> main
PS D:\projects\Devops\323103382L04\gitex> git add .
PS D:\projects\Devops\323103382L04\gitex> git commit -m "add week2-2"
[main ed7677] add week2-2
3 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 week2-1.png
delete mode 100644 week2-4.png
PS D:\projects\Devops\323103382L04\gitex> git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 227.69 KiB | 11.30 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/verkatagpi-04/gitex.git
7d0ef3f..ed7677 main -> main
PS D:\projects\Devops\323103382L04\gitex>
```

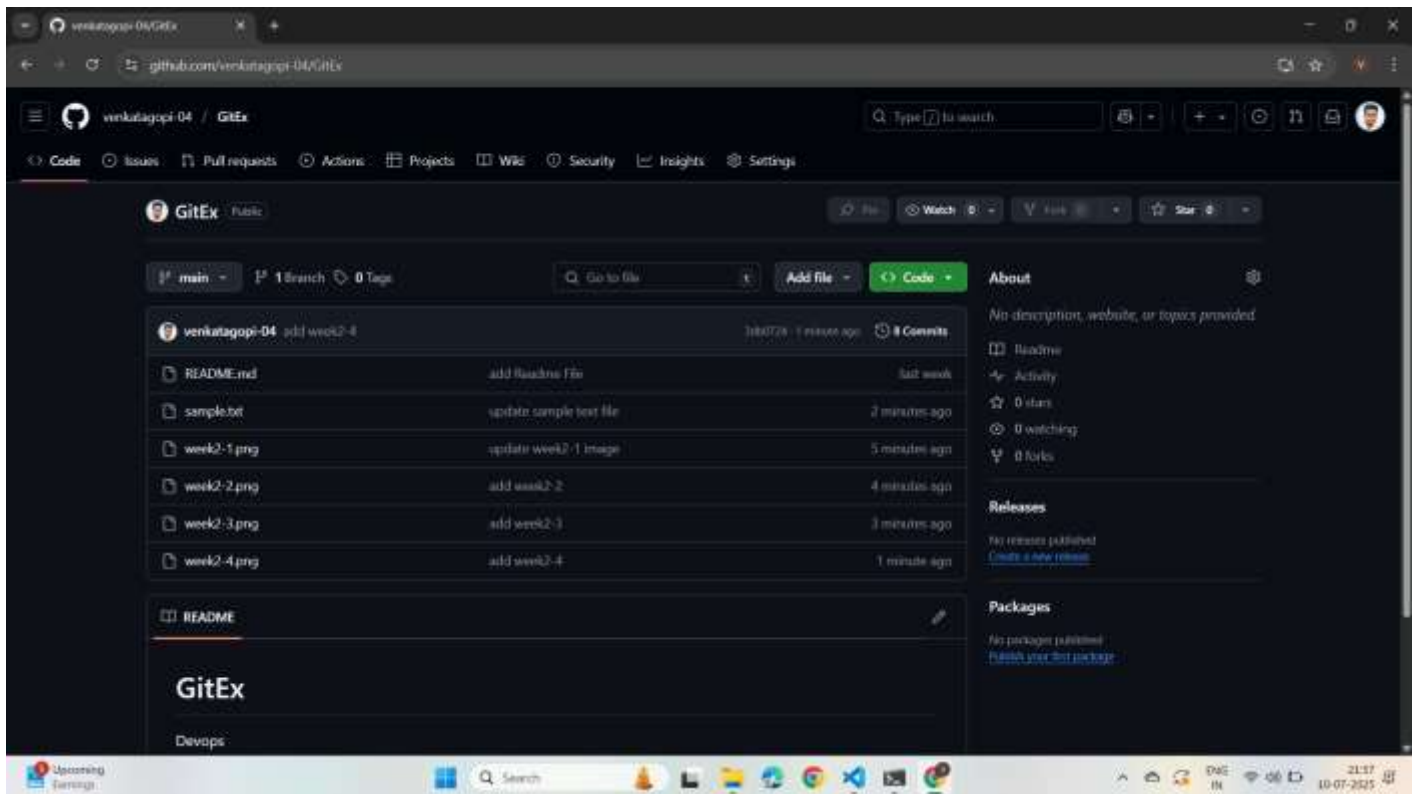


```
sample.txt
1 Devops Lab week-2 Completed.

PS D:\projects\Devops\323103382L04\gitex> git add .
PS D:\projects\Devops\323103382L04\gitex> git commit -m "add week2-3"
[main dc62d6] add week2-3
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 week2-3.png
PS D:\projects\Devops\323103382L04\gitex> git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 266.92 KiB | 11.72 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/verkatagpi-04/gitex.git
ed7677f..dc62d6 main -> main
PS D:\projects\Devops\323103382L04\gitex> git add sample.txt
PS D:\projects\Devops\323103382L04\gitex> git commit -m "update sample text file"
[main a423075] update sample text file
1 file changed, 1 insertion(+), 1 deletion(-)
PS D:\projects\Devops\323103382L04\gitex> git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 290 bytes | 290.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/verkatagpi-04/gitex.git
dc62d6f..a423075 main -> main
PS D:\projects\Devops\323103382L04\gitex>
```

I added week2-2.png, committed it, and pushed it to the remote repository.

I added week2-3.png, committed it, and pushed it to the remote repository.



I updated the sample.txt file, committed the change, and pushed it to GitHub.