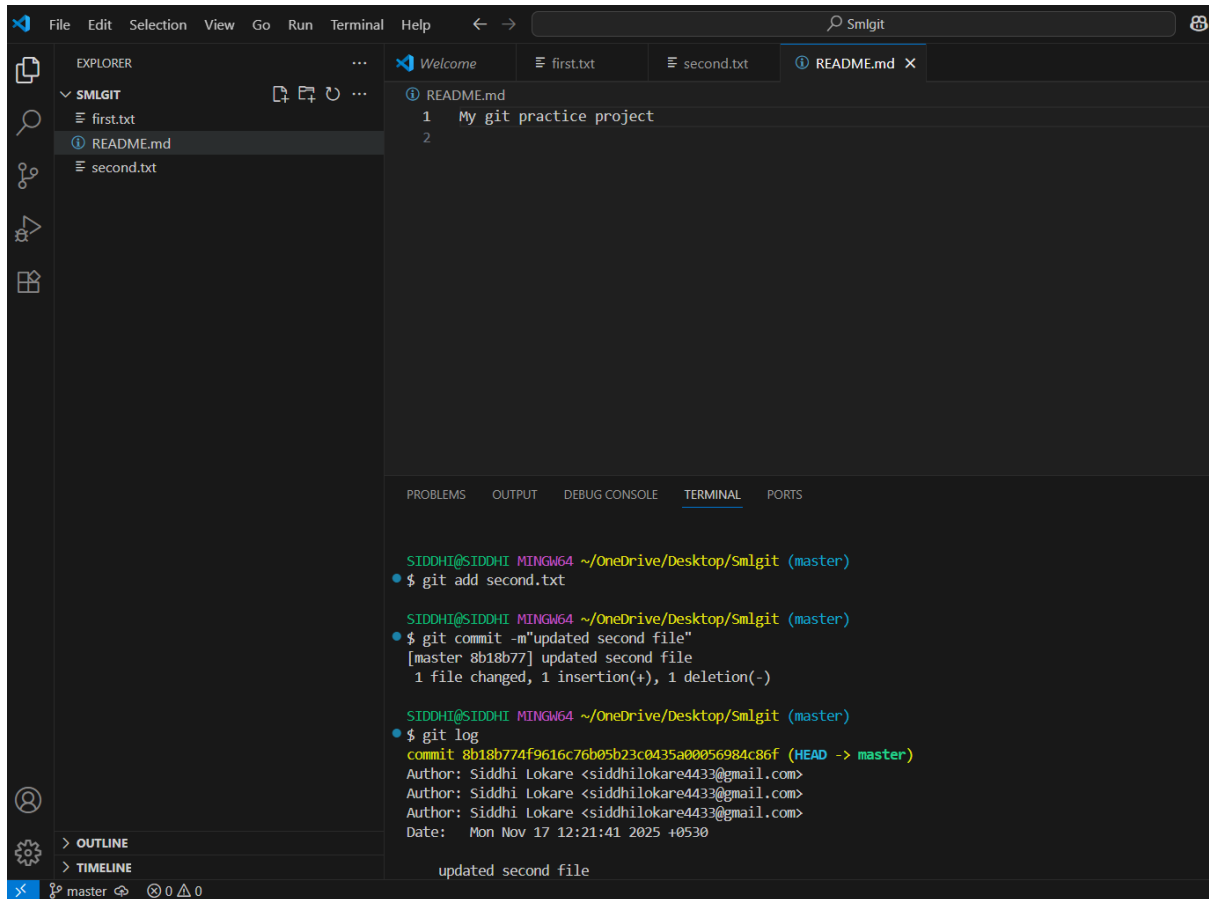


## Task 1:

Initialize Local Git Repository(git init, git add, git commit)



The screenshot shows the Visual Studio Code interface with a project named 'Smlgit'. The Explorer sidebar on the left shows the file structure with 'first.txt', 'README.md', and 'second.txt'. The main editor area displays the 'README.md' file with the following content:

```
1 My git practice project
2
```

The bottom panel shows the 'TERMINAL' tab with the following commands and output:

```
SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (master)
$ git add second.txt

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (master)
$ git commit -m"updated second file"
[master 8b18b77] updated second file
1 file changed, 1 insertion(+), 1 deletion(-)

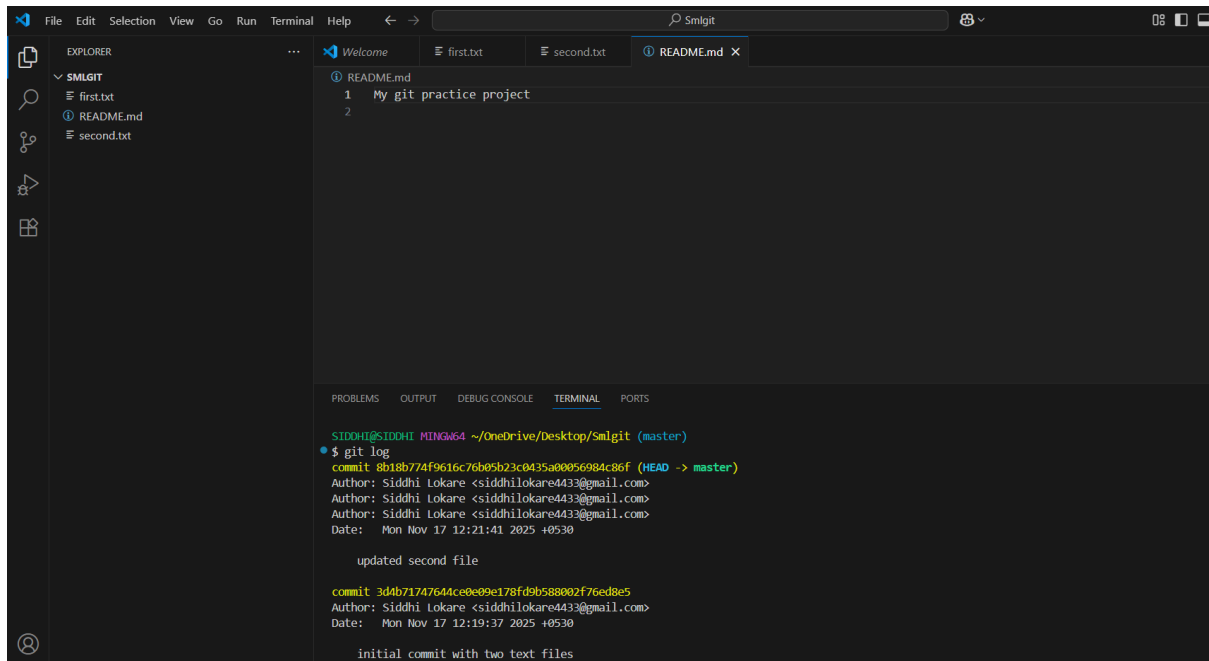
SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (master)
$ git log
commit 8b18b774f9616c76b05b23c0435a00056984c86f (HEAD -> master)
Author: Siddhi Lokare <siddhilokare4433@gmail.com>
Author: Siddhi Lokare <siddhilokare4433@gmail.com>
Author: Siddhi Lokare <siddhilokare4433@gmail.com>
Date: Mon Nov 17 12:21:41 2025 +0530

updated second file
```

The status bar at the bottom indicates the current branch is 'master' and shows 0 changes.

## Task 2:

Modify Files & View Commit History(git log)



The screenshot shows the Visual Studio Code interface with a project named 'Smlgit'. The Explorer sidebar on the left shows the file structure: 'SMLGIT' folder containing 'first.txt', 'README.md', and 'second.txt'. The main editor area displays the 'README.md' file with the following content:

```
1 My git practice project
2
```

The TERMINAL panel at the bottom shows the output of the 'git log' command:

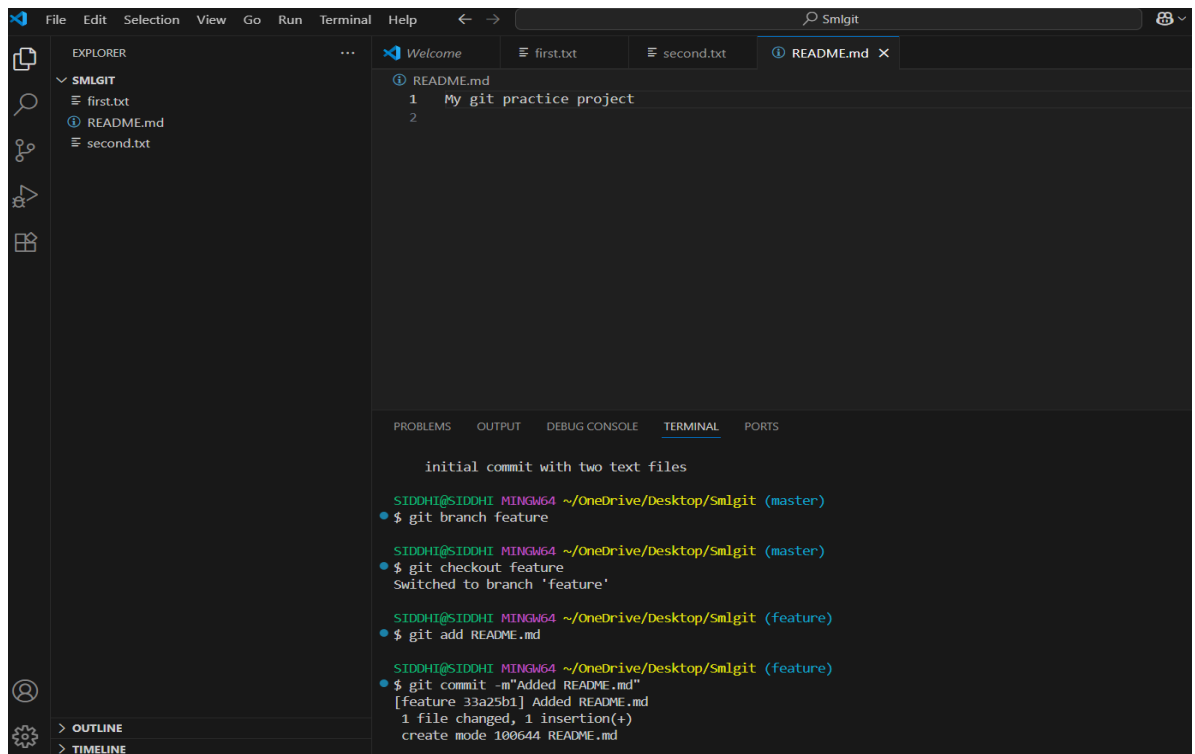
```
SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (master)
$ git log
commit 8b18b774f9616c76b05b23c0435a00056984c86f (HEAD -> master)
Author: Siddhi Lokare <siddhilokare4433@gmail.com>
Author: Siddhi Lokare <siddhilokare4433@gmail.com>
Author: Siddhi Lokare <siddhilokare4433@gmail.com>
Date: Mon Nov 17 12:21:41 2025 +0530

    updated second file

commit 3d4b71747644ce0e09e178fd9b588002f76ed8e5
Author: Siddhi Lokare <siddhilokare4433@gmail.com>
Date: Mon Nov 17 12:19:37 2025 +0530

    initial commit with two text files
```

## Task 3: Create New Branch & Merge into Main(Screenshot: Branch list)



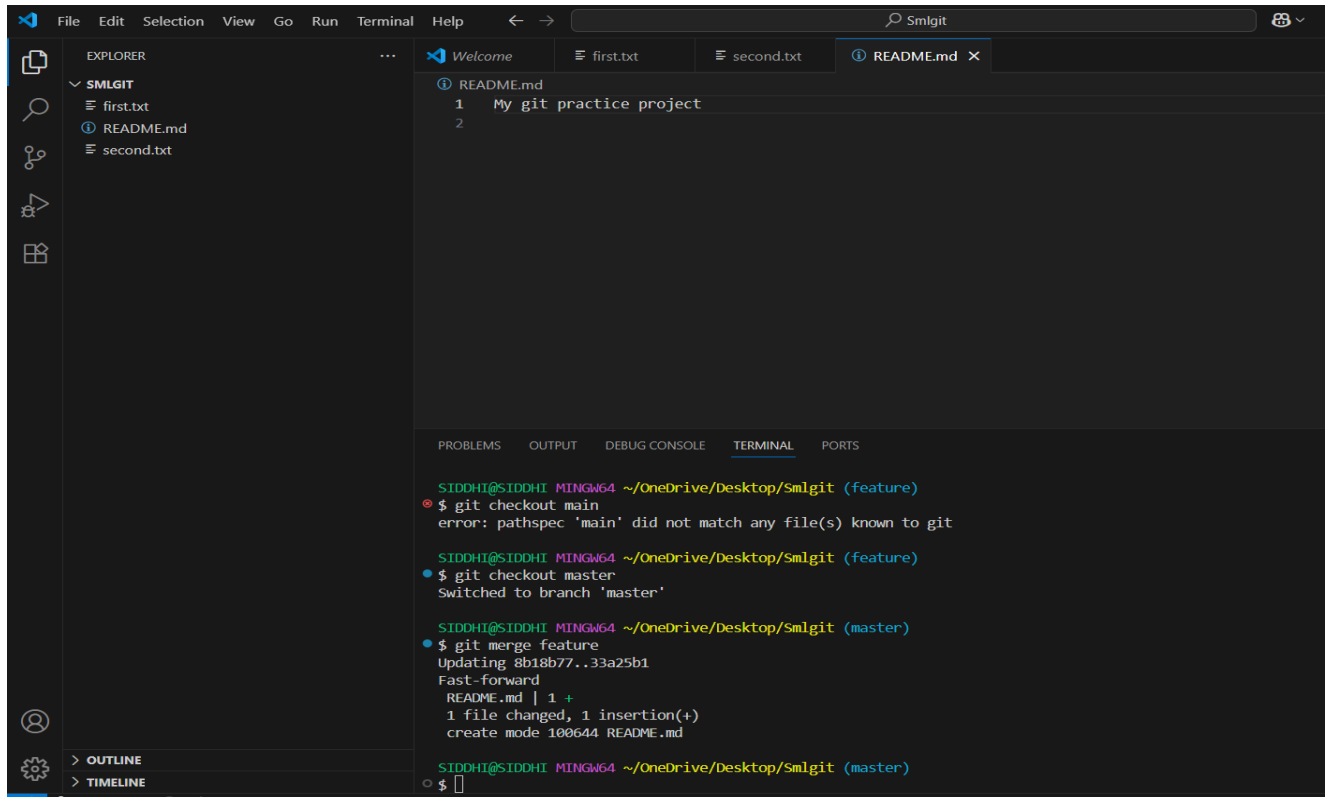
The screenshot shows the Visual Studio Code interface with the 'Smlgit' project. The Explorer sidebar shows the file structure. The main editor area displays the 'README.md' file. The TERMINAL panel at the bottom shows the output of the 'git branch' and 'git checkout' commands:

```
SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (master)
$ git branch feature

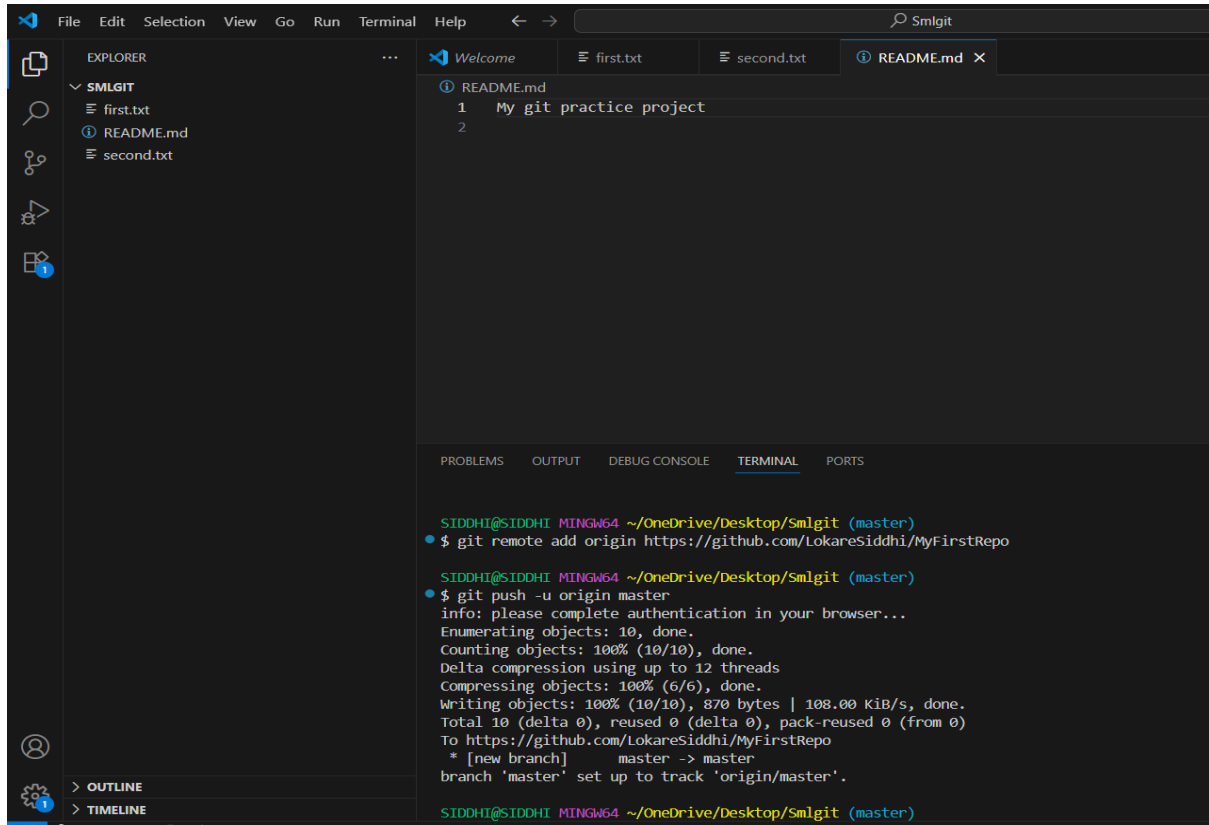
SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (master)
$ git checkout feature
Switched to branch 'feature'

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (feature)
$ git add README.md

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (feature)
$ git commit -m"Added README.md"
[feature 33a25b1] Added README.md
1 file changed, 1 insertion(+)
create mode 100644 README.md
```



## Task 4: Create GitHub Repository & Push Code



The screenshot shows the Visual Studio Code interface with the Explorer panel on the left displaying a project named 'SMLGIT' containing files 'first.txt', 'README.md', and 'second.txt'. The main editor area shows the 'README.md' file with the content:

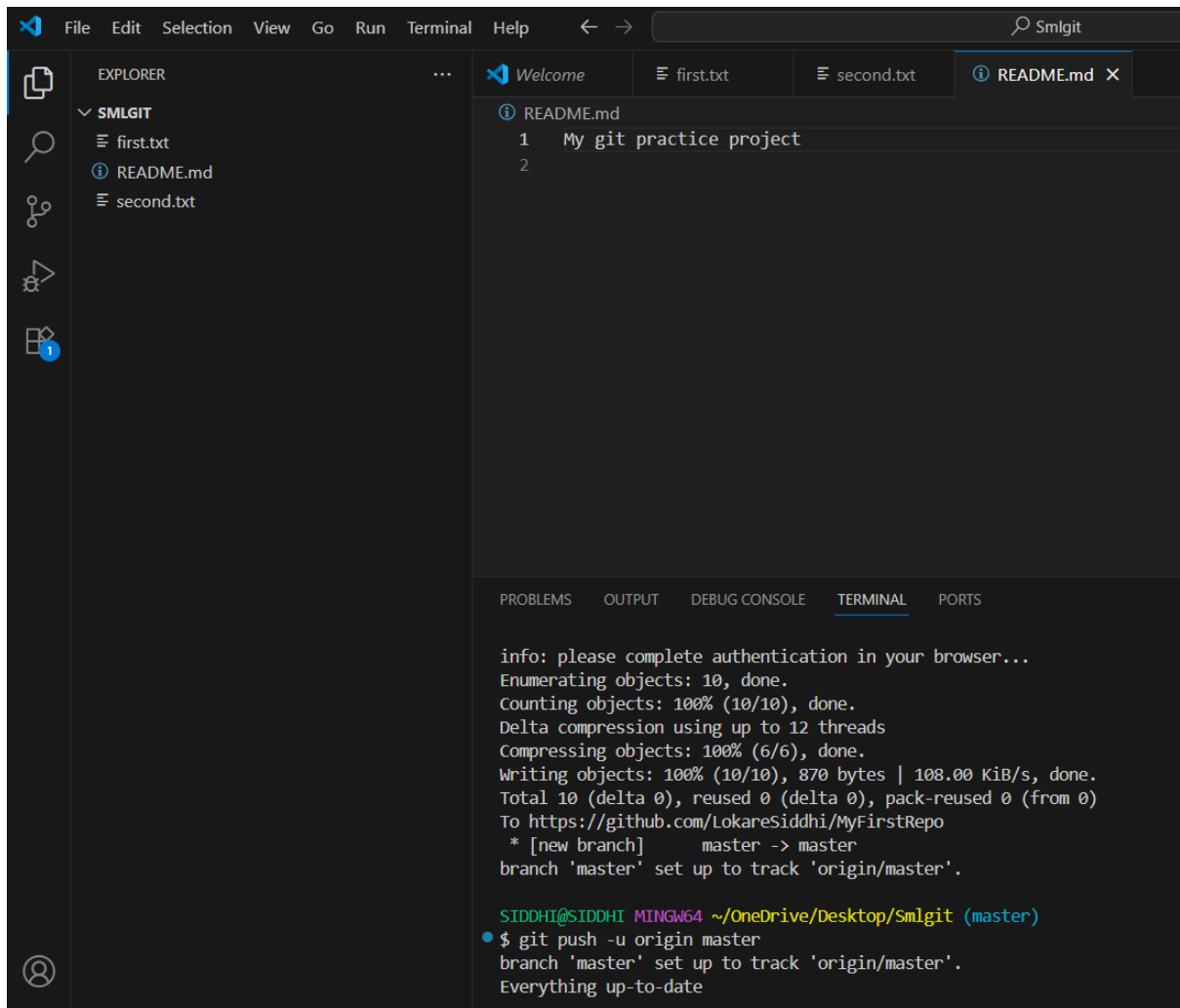
```
1 My git practice project
2
```

The Terminal panel at the bottom shows the execution of the following commands:

```
SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (master)
• $ git remote add origin https://github.com/LokareSiddhi/MyFirstRepo

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/Smlgit (master)
• $ git push -u origin master
info: please complete authentication in your browser...
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 12 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (10/10), 870 bytes | 108.00 KiB/s, done.
Total 10 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/LokareSiddhi/MyFirstRepo
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

The terminal output indicates that the repository has been successfully pushed to GitHub.

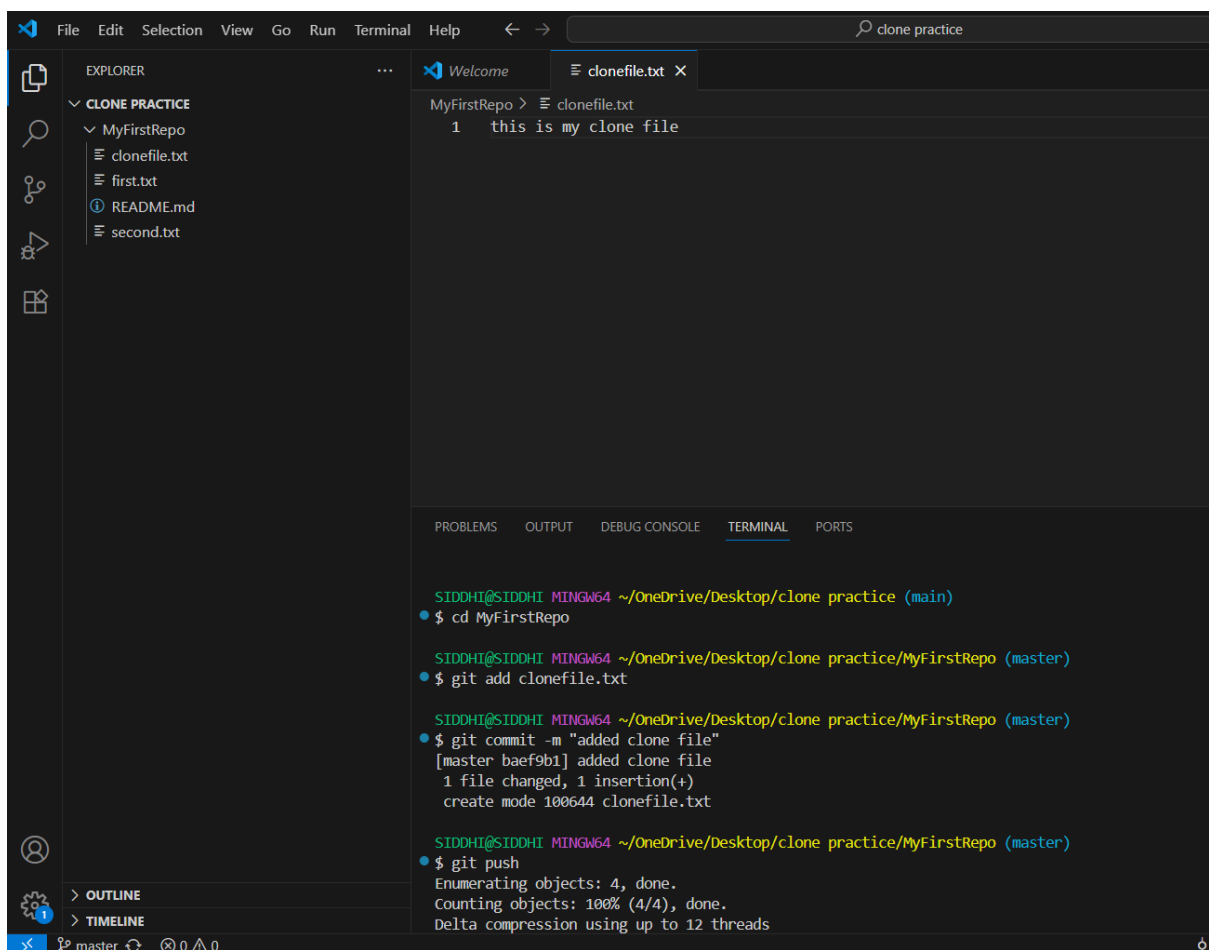


## Task 5: Clone Repository & Add New File

```
C:\Windows\System32\cmd.e x + v
Microsoft Windows [Version 10.0.26100.4652]
(c) Microsoft Corporation. All rights reserved.

C:\Users\SIDDHI\OneDrive\Desktop\clone practice>git clone https://github.com/LokareSiddhi/MyFirstRepo.git
Cloning into 'MyFirstRepo'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 10 (delta 0), reused 10 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (10/10), done.

C:\Users\SIDDHI\OneDrive\Desktop\clone practice>
```



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a project named 'CLONE PRACTICE' containing a subdirectory 'MyFirstRepo'. Inside 'MyFirstRepo', there are files 'clonefile.txt', 'first.txt', 'README.md', and 'second.txt'. The Editor pane shows the 'clonefile.txt' file with the content: '1 this is my clone file'. The Terminal pane at the bottom shows the following commands and output:

```
SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice (main)
• $ cd MyFirstRepo

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice/MyFirstRepo (master)
• $ git add clonefile.txt

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice/MyFirstRepo (master)
• $ git commit -m "added clone file"
[master baef9b1] added clone file
1 file changed, 1 insertion(+)
create mode 100644 clonefile.txt

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice/MyFirstRepo (master)
• $ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
```

The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar shows a project named 'CLONE PRACTICE' with files 'clonefile.txt', 'first.txt', 'README.md', and 'second.txt'. The main editor window shows 'clonefile.txt' with the content: `1 this is my clone file`. The bottom panel shows the 'TERMINAL' tab with the following output:

```
$ git commit -m "added clone file"
[master baef9b1] added clone file
1 file changed, 1 insertion(+)
create mode 100644 clonefile.txt

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice/MyFirstRepo (master)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 370 bytes | 370.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/LokareSiddhi/MyFirstRepo.git
33a25b1..baef9b1 master -> master

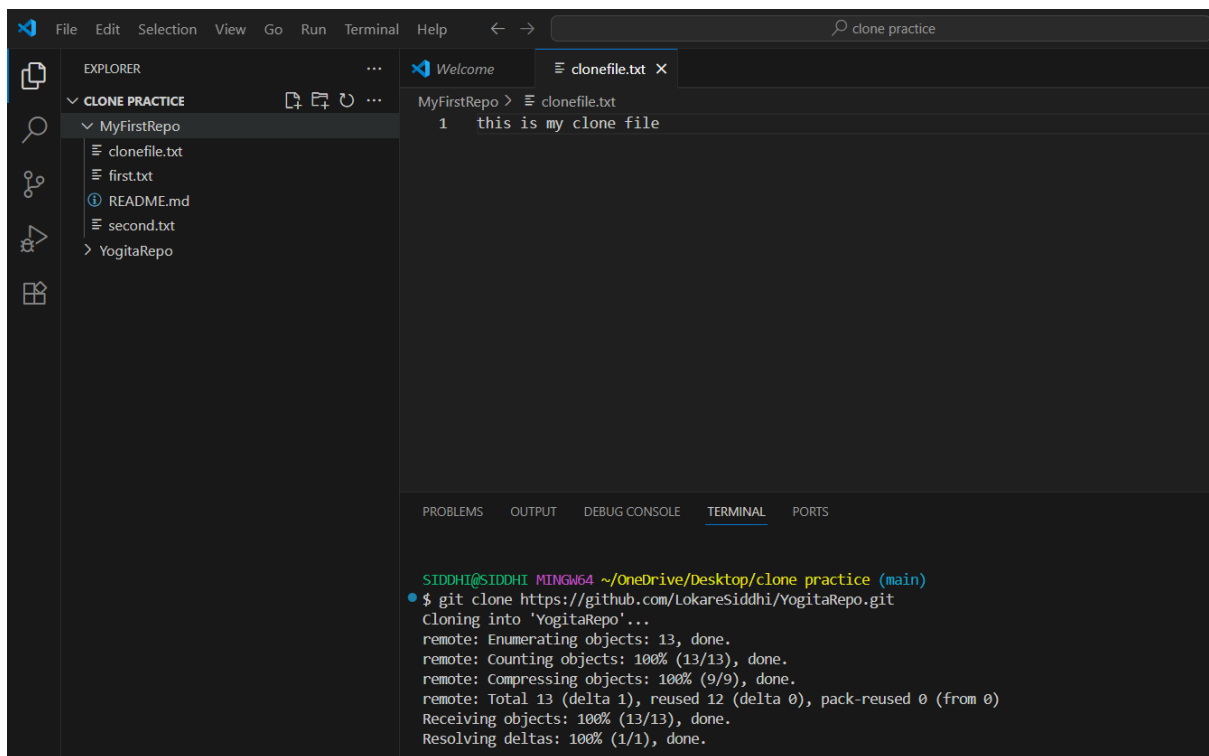
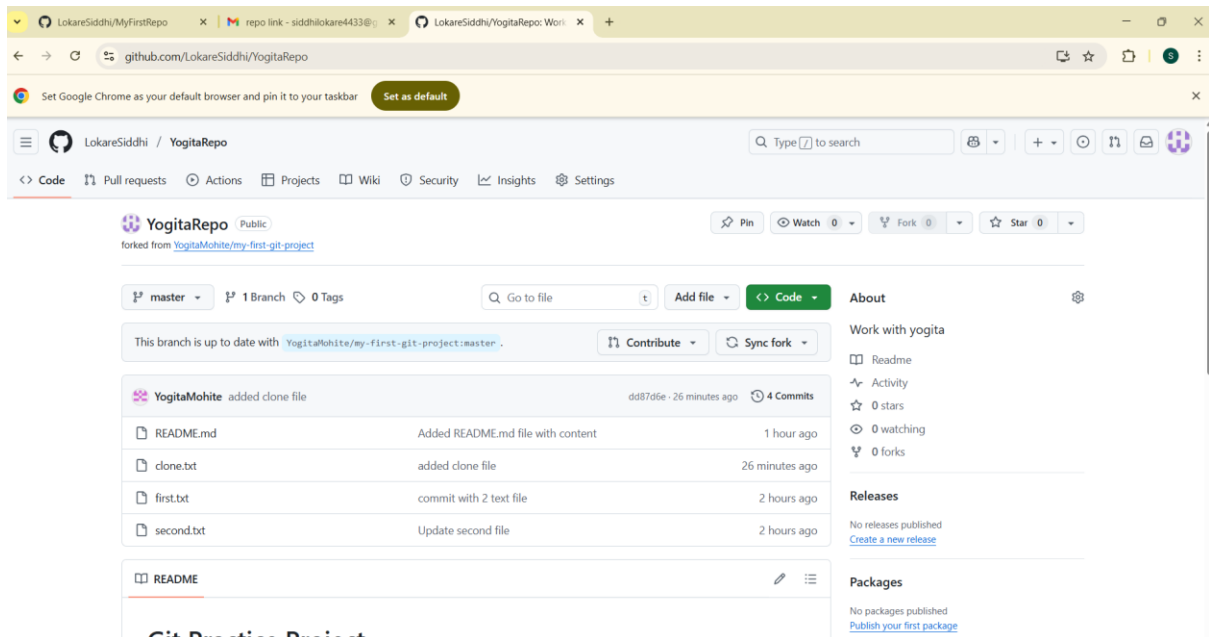
SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice/MyFirstRepo (master)
$
```

The screenshot shows the GitHub repository page for 'LokareSiddhi/MyFirstRepo'. The repository is public and has 2 branches and 0 tags. The main branch has recent pushes 2 minutes ago. The repository contains the following files:

File	Commit	Time
README.md	Added README.md	1 hour ago
clonefile.txt	added clone file	2 minutes ago
first.txt	initial commit with two text files	2 hours ago
second.txt	updated second file	2 hours ago

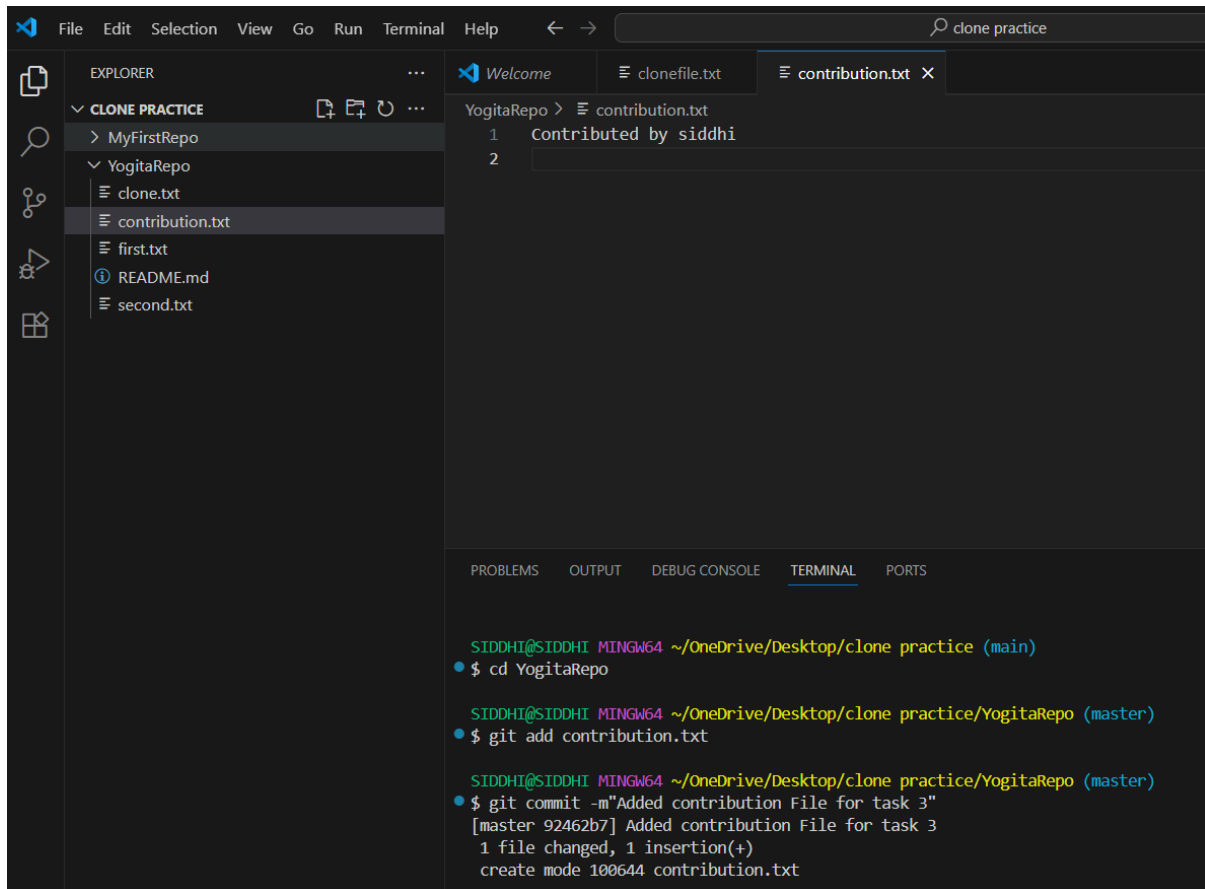
The README file contains the text: 'My git practice project'.

## Task 6: Fork a Teammate's Repository





## Task 7: Make Changes in Fork & Push



```
File Edit Selection View Go Run Terminal Help clone practice

EXPLORER
  CLONE PRACTICE
    MyFirstRepo
    YogitaRepo
      clone.txt
      contribution.txt
      first.txt
      README.md
      second.txt

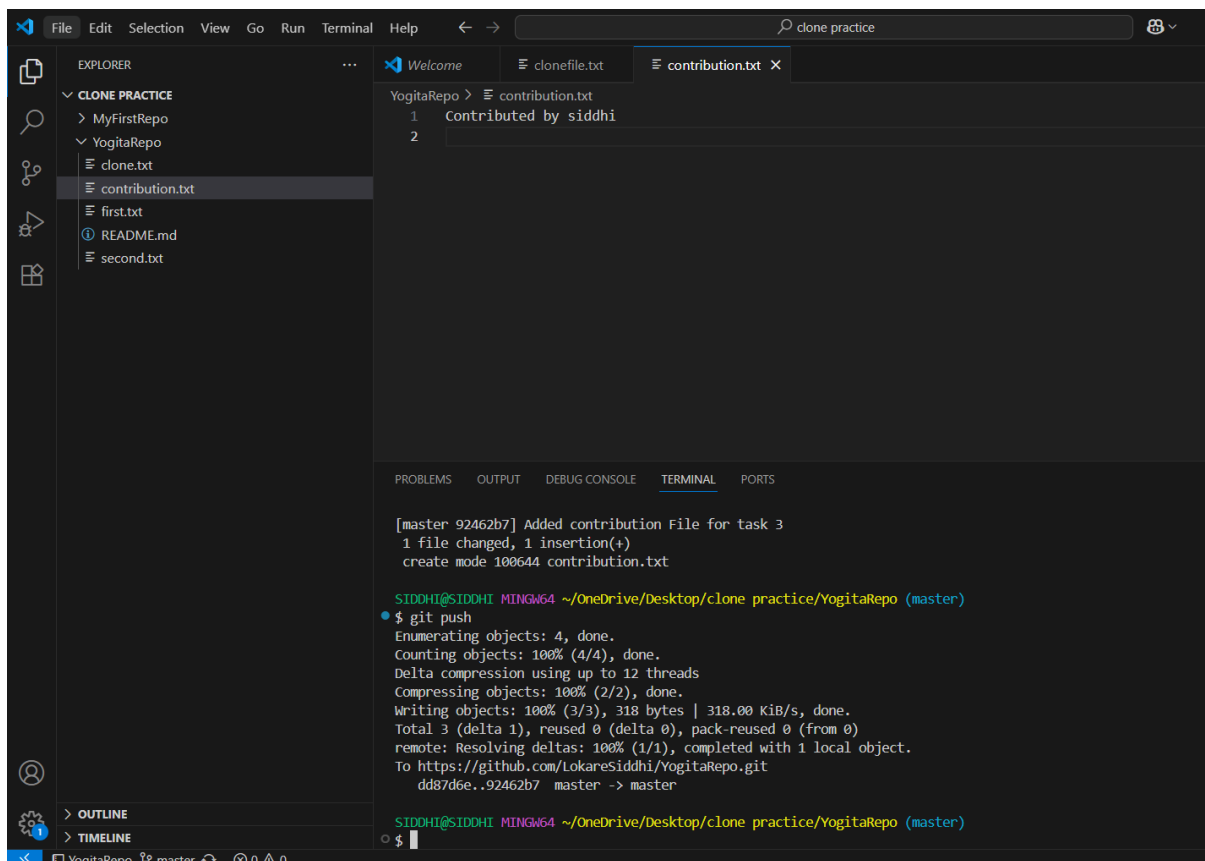
YogitaRepo > contribution.txt
1 Contributed by siddhi
2

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice (main)
• $ cd YogitaRepo

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice/YogitaRepo (master)
• $ git add contribution.txt

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice/YogitaRepo (master)
• $ git commit -m"Added contribution File for task 3"
[master 92462b7] Added contribution File for task 3
1 file changed, 1 insertion(+)
create mode 100644 contribution.txt
```



```
File Edit Selection View Go Run Terminal Help clone practice

EXPLORER
  CLONE PRACTICE
    MyFirstRepo
    YogitaRepo
      clone.txt
      contribution.txt
      first.txt
      README.md
      second.txt

YogitaRepo > contribution.txt
1 Contributed by siddhi
2

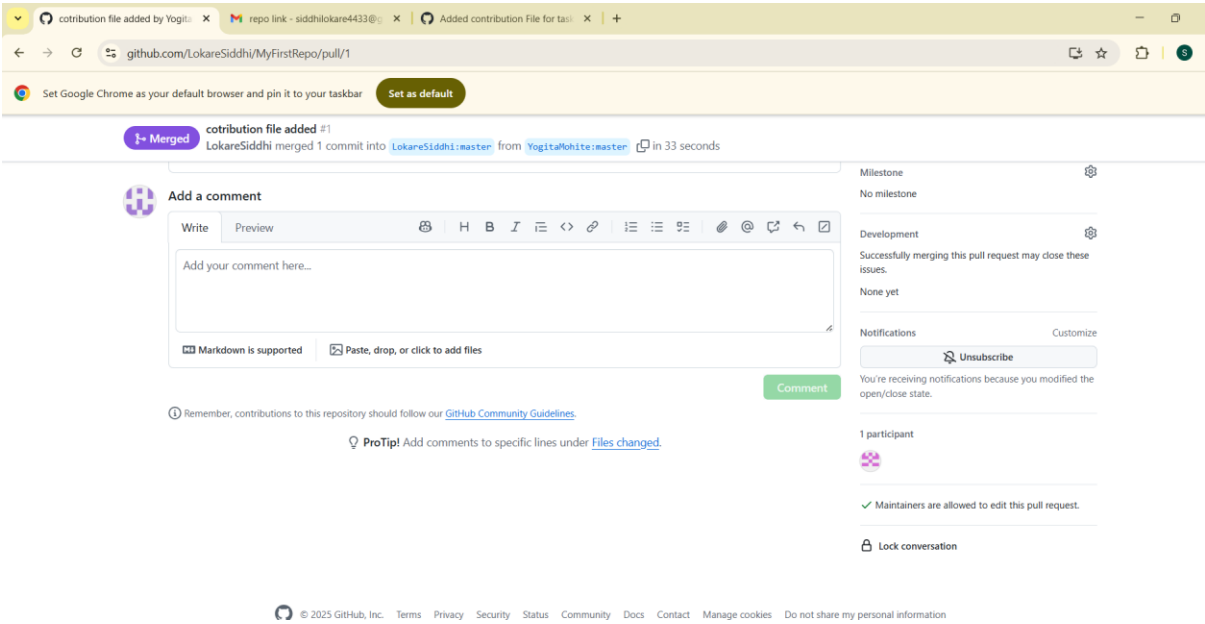
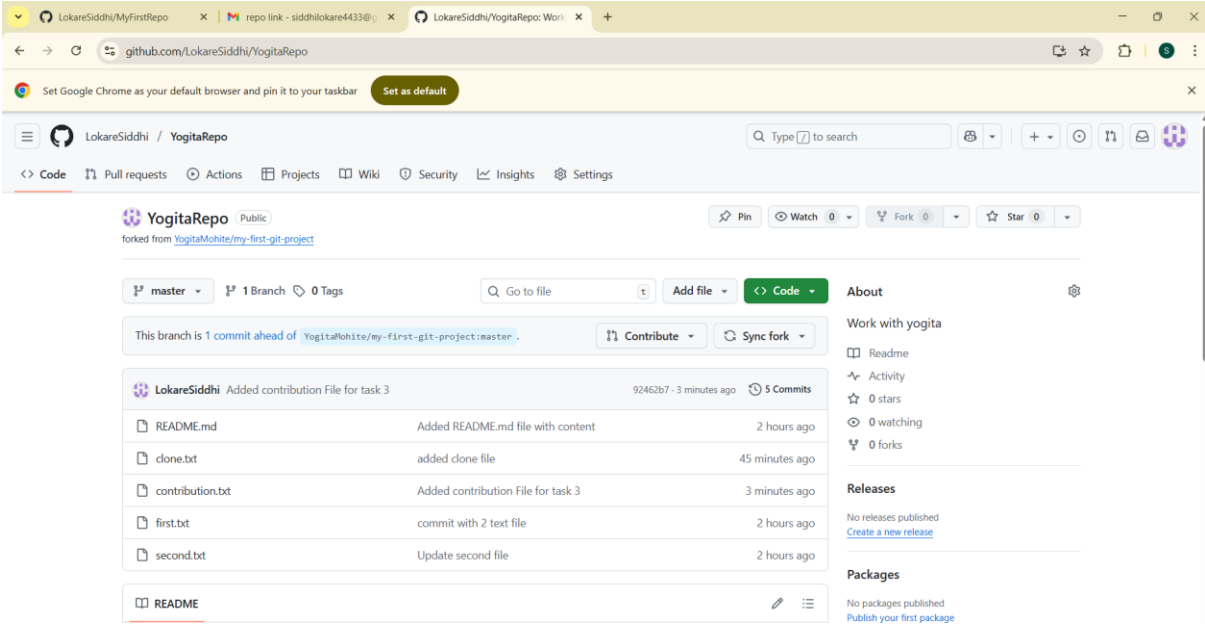
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

[master 92462b7] Added contribution File for task 3
1 file changed, 1 insertion(+)
create mode 100644 contribution.txt

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice/YogitaRepo (master)
• $ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 318 bytes | 318.00 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/LokareSiddhi/YogitaRepo.git
dd87d6e..92462b7 master -> master

SIDDHI@SIDDHI MINGW64 ~/OneDrive/Desktop/clone practice/YogitaRepo (master)
• $
```

# Task 8: Create Pull Request (PR)



## Task 9: Merge Pull Request

