

Assignment 2

Branch Creation and Switching

Create a new branch named 'feature' and switch to it. Make changes in the 'feature' branch and commit them.

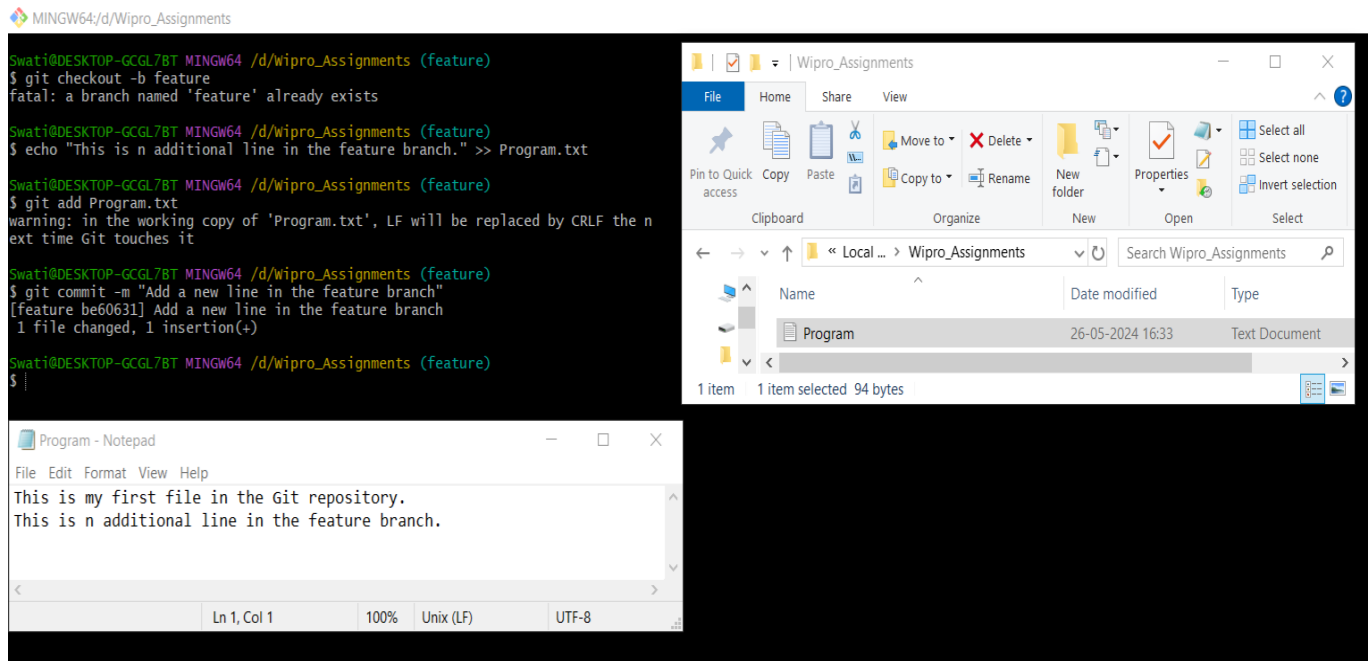
Solution :

- Open Terminal: Ensure your terminal is open and you are in your Git repository directory.
- Create a New Branch: Use the **git branch** command to create a new branch named 'feature'.
- Switch to the New Branch: Use the **git checkout** command to switch to the newly created 'feature' branch.

Alternatively, you can create and switch to a new branch in one step using.

- Make Changes in the 'feature' Branch: Edit the existing text file or create a new one. For this example, we'll add a new line to **Program.txt**.
- Add the Changes to the Staging Area: Use the **git add** command to stage the changes.
- Commit the Changes: Use the **git commit** command to commit the changes with a message.

Here is the complete set of commands together:



```
MINGW64/d/Wipro_Assignments
Swati@DESKTOP-GCGL7BT MINGW64 /d/wipro_Assignments (feature)
$ git checkout -b feature
fatal: a branch named 'feature' already exists

Swati@DESKTOP-GCGL7BT MINGW64 /d/wipro_Assignments (feature)
$ echo "This is n additional line in the feature branch." >> Program.txt

Swati@DESKTOP-GCGL7BT MINGW64 /d/wipro_Assignments (feature)
$ git add Program.txt
warning: in the working copy of 'Program.txt', LF will be replaced by CRLF the n
ext time Git touches it

Swati@DESKTOP-GCGL7BT MINGW64 /d/wipro_Assignments (feature)
$ git commit -m "Add a new line in the feature branch"
[feature be60631] Add a new line in the feature branch
1 file changed, 1 insertion(+)

Swati@DESKTOP-GCGL7BT MINGW64 /d/wipro_Assignments (feature)
$
```

The file explorer window shows the directory structure of the repository. The file 'Program.txt' is highlighted, showing its date modified (26-05-2024 16:33) and type (Text Document).

The Notepad window shows the content of 'Program.txt':

```
File Edit Format View Help
This is my first file in the Git repository.
This is n additional line in the feature branch.
```

