Lesson 03 Demo 03

Pushing Code to GitHub

Objective: To showcase the process of pushing local code changes to a GitHub repository, ensuring version control and collaboration.

Tools Required: Git

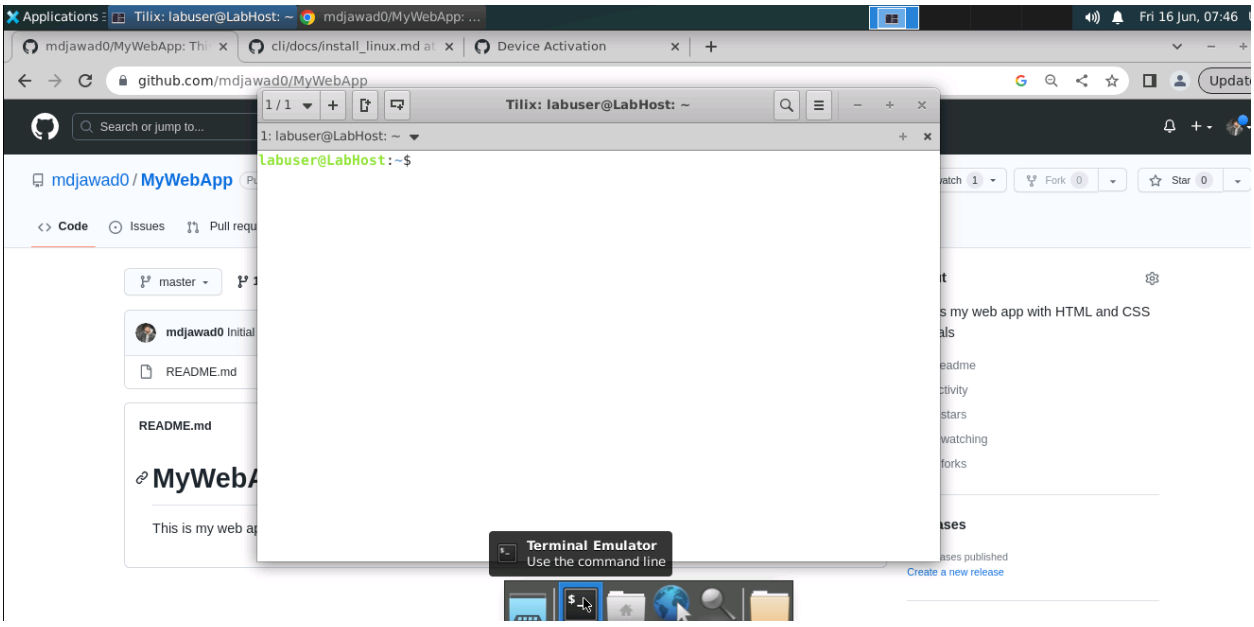
Prerequisites: Lesson 03 Demo 01

Steps to be followed:

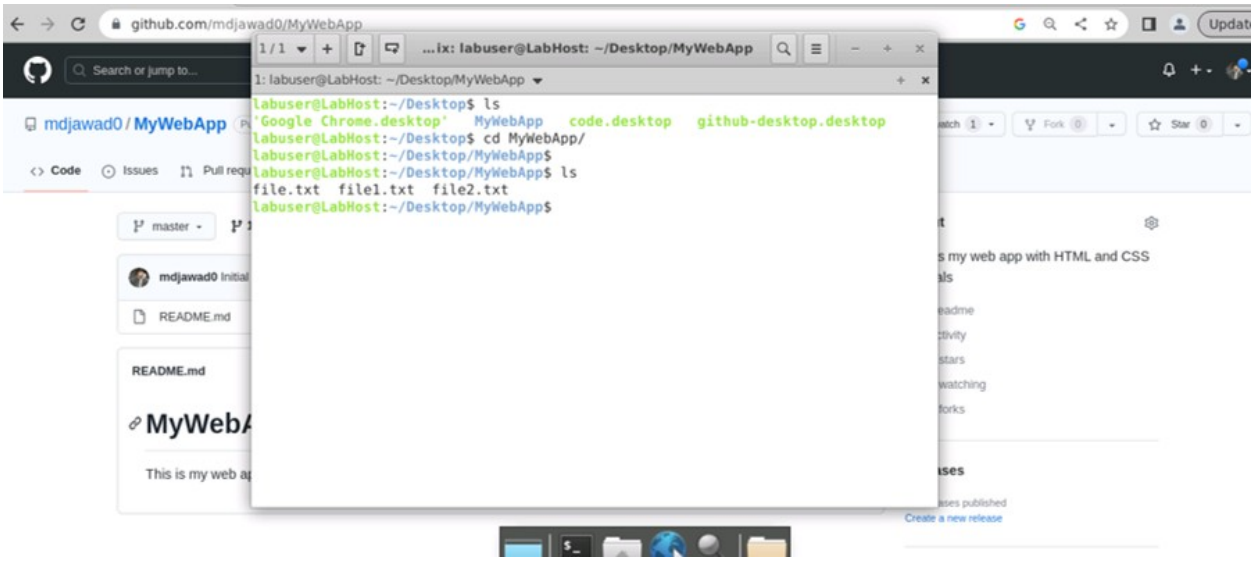
1. Push the code to GitHub

Step 1: Push the code to GitHub

1.1 Open the terminal



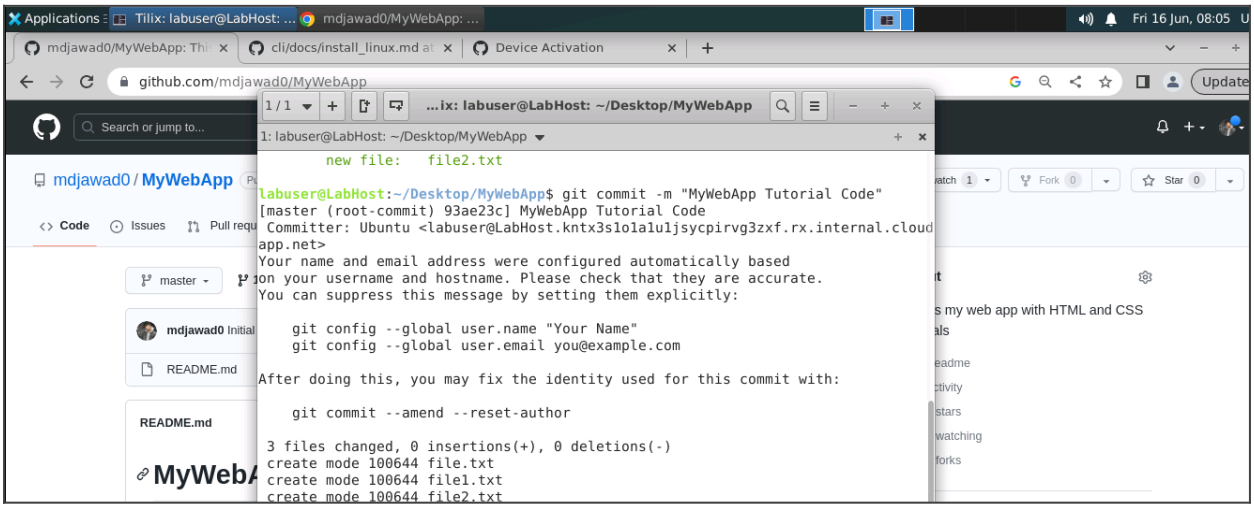
1.2 Navigate to the **MyWebApp** directory



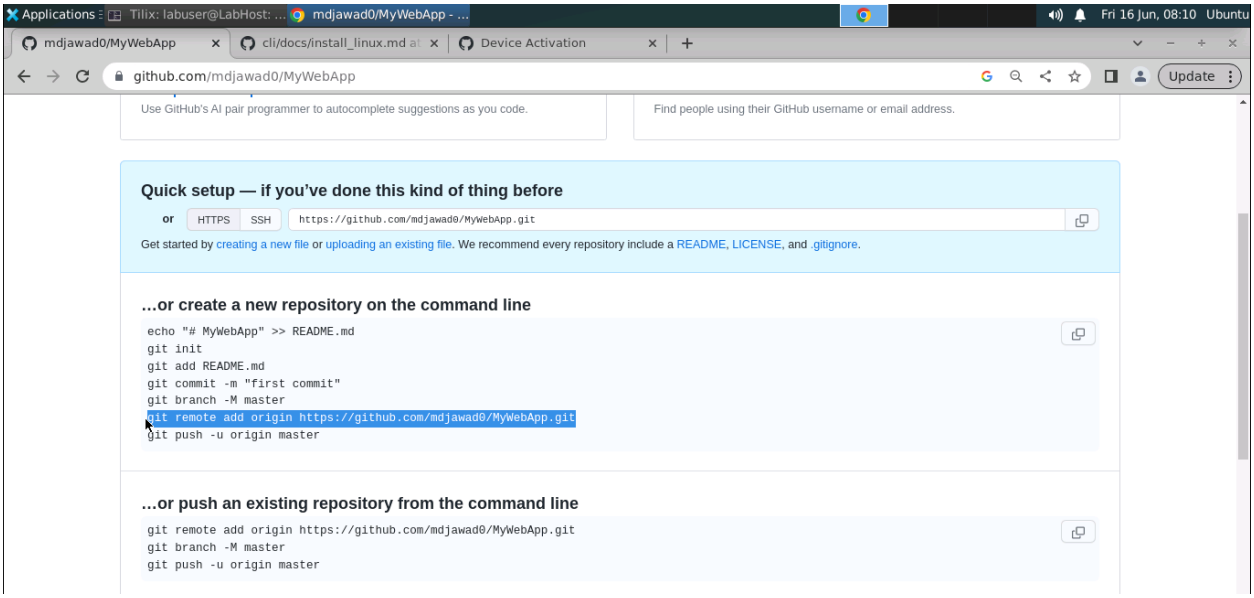
Use the **ls** command to view the files.

1.3 Type **git status** to check the status of your local repository. To commit the changes, use **git -m commit "message"**

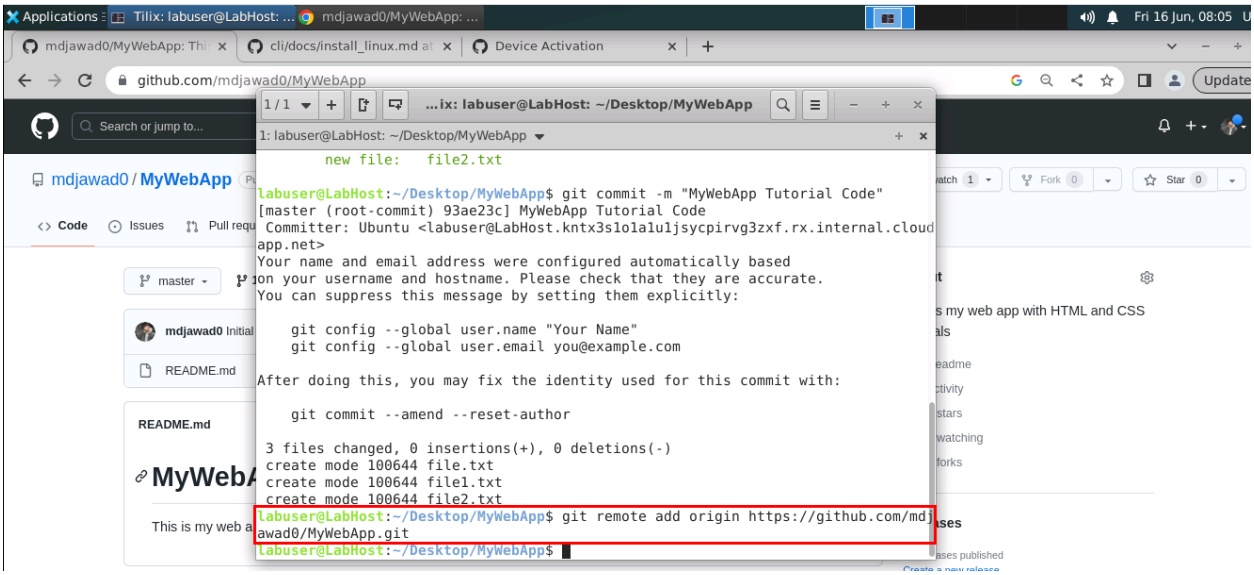
```
palakkharbandas@ip-172-31-17-240:~/Desktop/MyWebApp$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   ../code.desktop
        new file:   ../eclipse.desktop
        new file:   ../file.txt
        new file:   ../file1.txt
        new file:   ../file2.txt
```



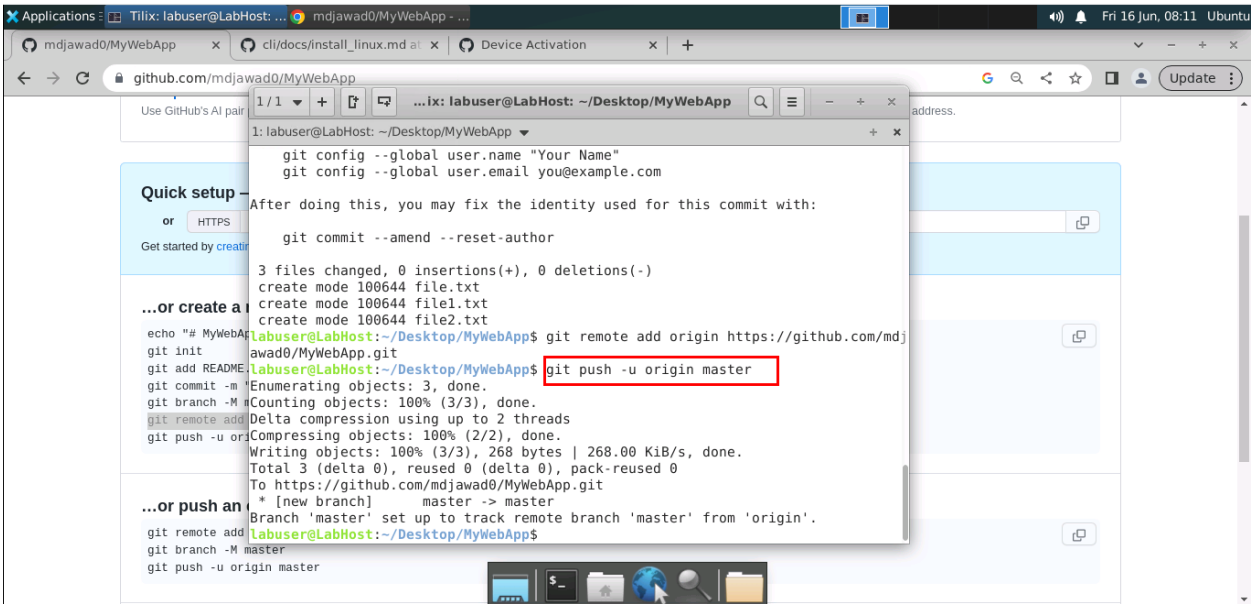
1.4 Add the remote origin for your GitHub repository by executing the command:
git remote add origin [repository URL]



Obtain the repository URL from GitHub, which is provided when you create a new repository.

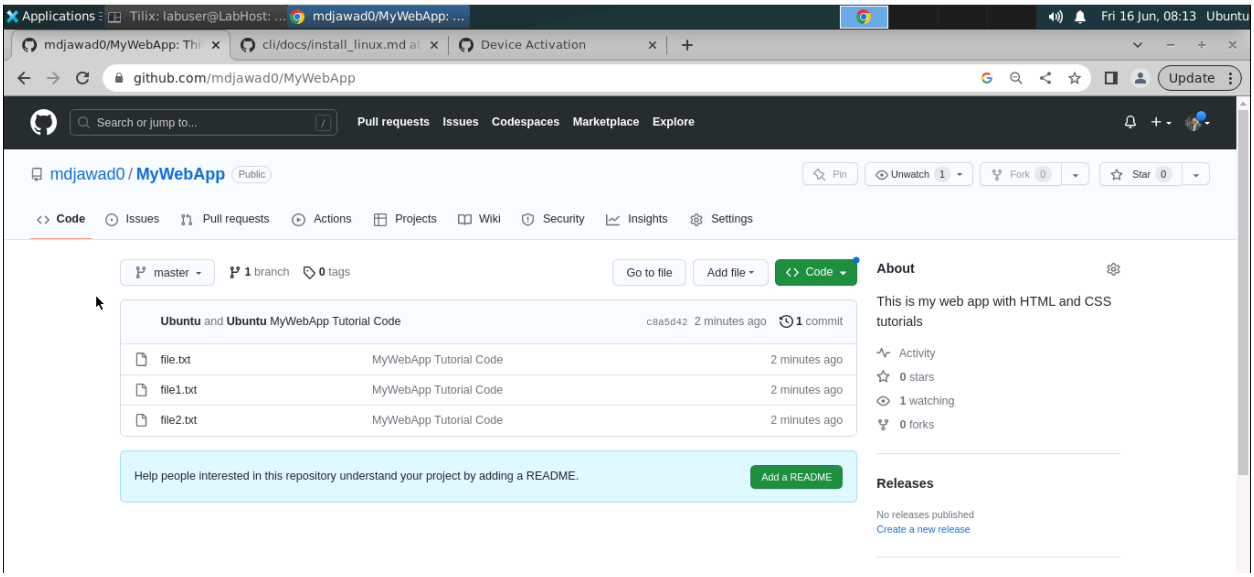


1.5 Then, use the command **git push -u origin master** to push the changes to the master branch



Once the command is executed, your code will be synced with the remote repository on GitHub.

1.6 Finally, refresh the GitHub repository to check if the files are updated



By following these steps, you have successfully pushed your code to GitHub, including navigating your project directory, checking the repository status, committing changes, adding a remote origin, and finally pushing the changes to the master branch.