ASSIGNMENT – 1

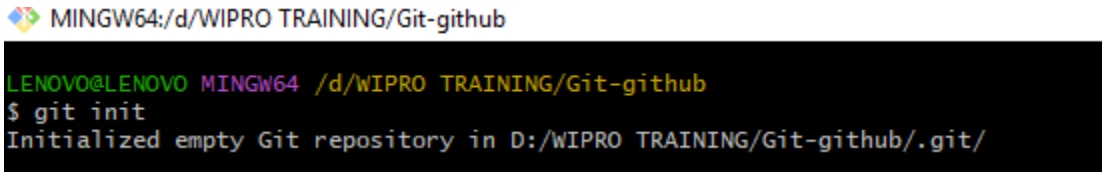
Assignment 1: Initialize a new Git repository in a directory of your choice. Add a simple text file to the repository and make the first commit.

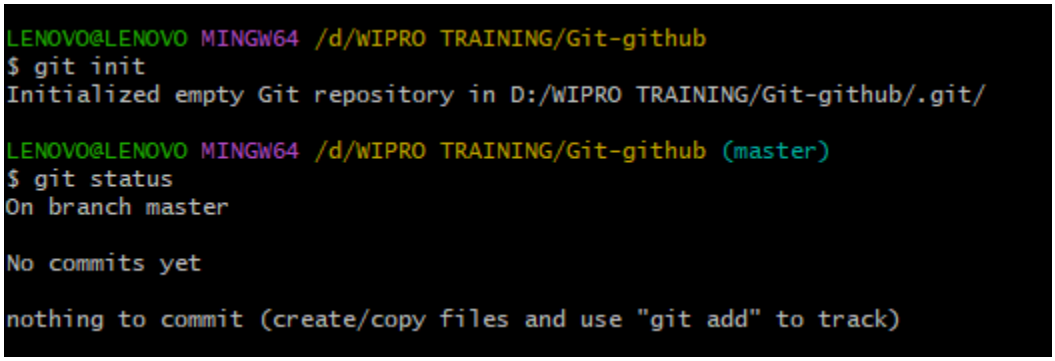
Step1 : Initialize the repository

Step 2: Create a Simple Text File

Step 2: Create a Simple Text File

echo command outputs the string "This is my first commit" and the > operator redirects this output into a new file named README.txt.

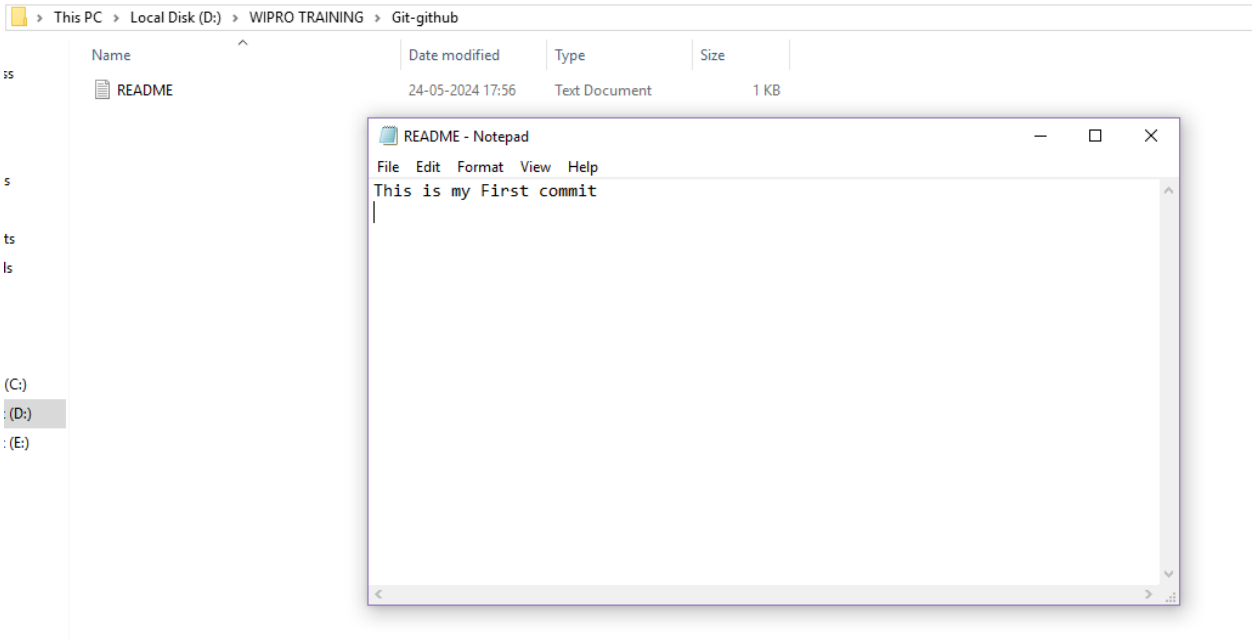


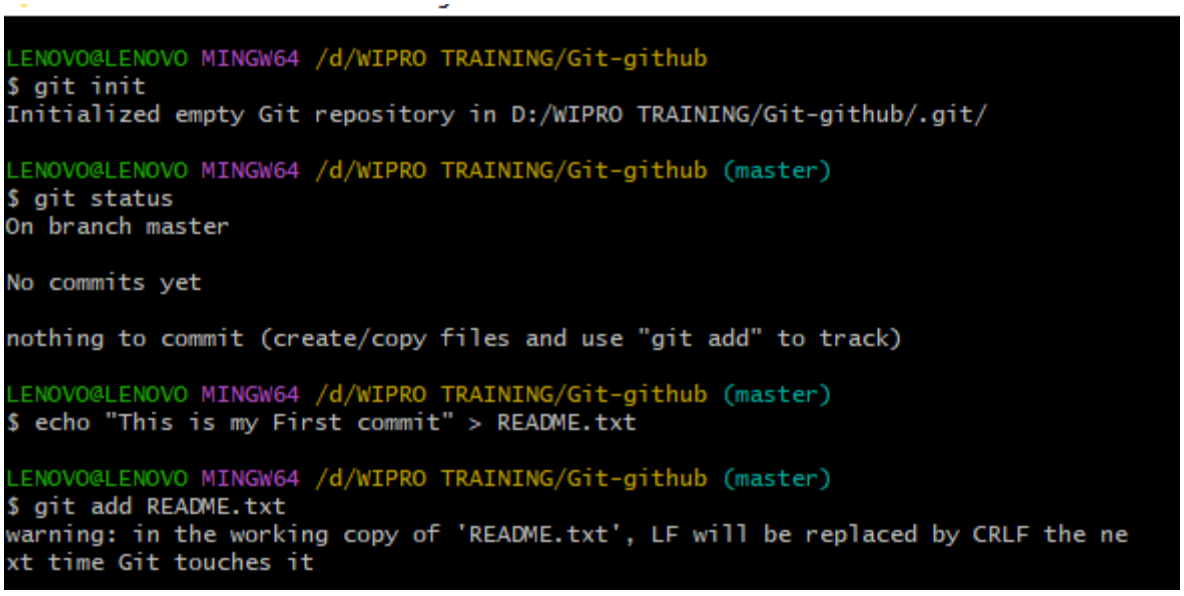


Step 3: Add the File to the Staging Area Step

```
LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github
$ git init
Initialized empty Git repository in D:/WIPRO TRAINING/Git-github/.git/

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ echo "This is my First commit" > README.txt
```

4: Now here added the file Step





5: Commit the Changes ➢ The git commit command creates a new commit from the changes in the staging area. The -m flag allows you to add a commit message, in this case, "Initial commit with README.txt".

Step 6: List All Branches ➢ The git branch command lists all the branches in the repository. The * indicates the current branch, which is master.

```
LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github
$ git init
Initialized empty Git repository in D:/WIPRO TRAINING/Git-github/.git/

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ echo "This is my First commit" > README.txt

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the ne
xt time Git touches it

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git commit -m "Intitalise README.txt"
[master (root-commit) e4ccc2b] Intitalise README.txt
 1 file changed, 1 insertion(+)
 create mode 100644 README.txt
```


```
LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github
$ git init
Initialized empty Git repository in D:/WIPRO TRAINING/Git-github/.git/

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ echo "This is my First commit" > README.txt

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the ne
xt time Git touches it

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git commit -m "Intitalise README.txt"
[master (root-commit) e4ccc2b] Intitalise README.txt
 1 file changed, 1 insertion(+)
 create mode 100644 README.txt
```


```
LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git branch
* master
```

Step 7: Create a New Branch The git branch feature command creates a new branch named feature.

```
LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github
$ git init
Initialized empty Git repository in D:/WIPRO TRAINING/Git-github/.git/

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ echo "This is my First commit" > README.txt

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the ne
xt time Git touches it

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git commit -m "Intitalise README.txt"
[master (root-commit) e4ccc2b] Intitalise README.txt
 1 file changed, 1 insertion(+)
 create mode 100644 README.txt

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git branch
* master

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git branch feature

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (master)
$ git checkout feature
Switched to branch 'feature'

LENOVO@LENOVO MINGW64 /d/WIPRO TRAINING/Git-github (feature)
$ git branch
* feature
  master
```

Step 8: Switch to the New Branch ➢ The git checkout feature command switches the current working branch to feature. This means any new commits will be made on the feature branch.

Step 9: Verify the Branch Switch ➢ Running git branch again lists all branches and shows that feature is now the current branch

(indicated by the *).