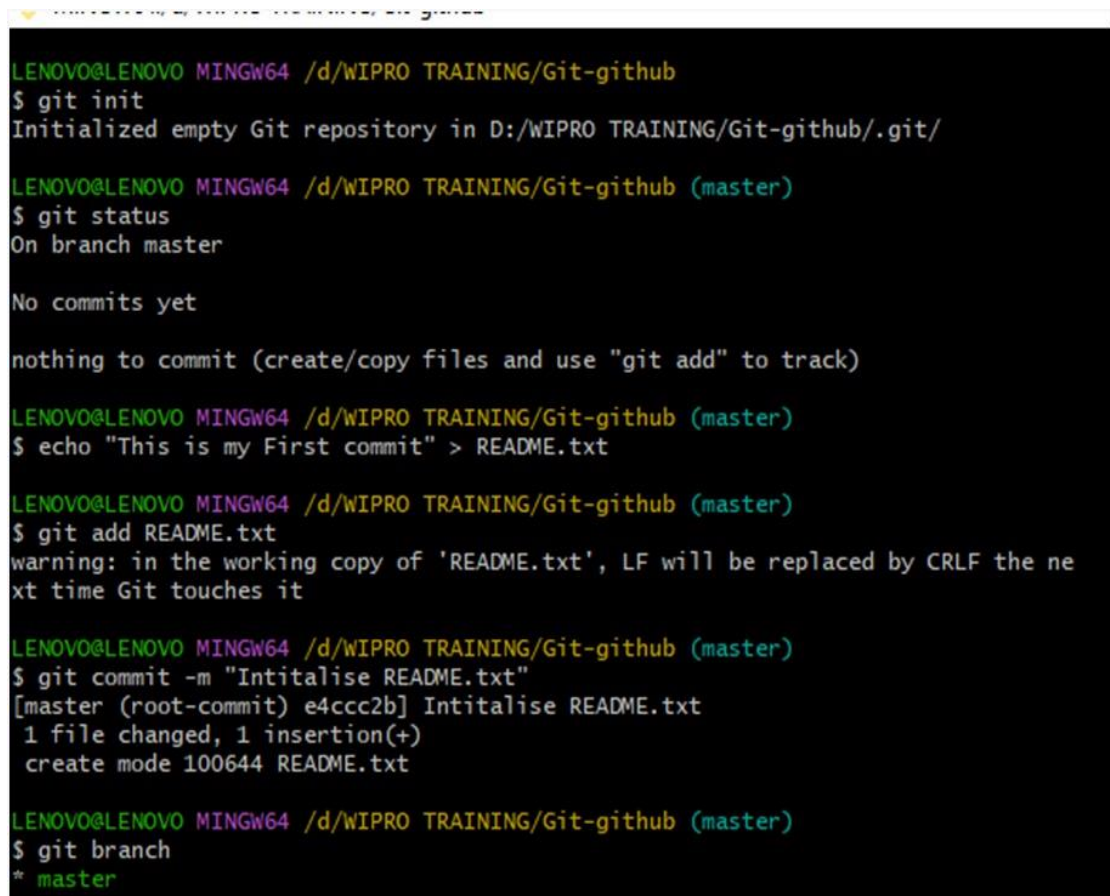# ASSIGNMENT-2

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.

Step-1 : Create a new branch named 'feature'

Create a new branch by typing the following commands:
Git branch 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
```

Step 2: Switch to the 'feature' Branch

➢ Switch to the newly created 'feature' branch using the checkout command:

git checkout feature

Step 3: Verify You Are on the 'feature' Branch

1. Confirm that you have switched to the 'feature' branch by typing:

git branch

```
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
```
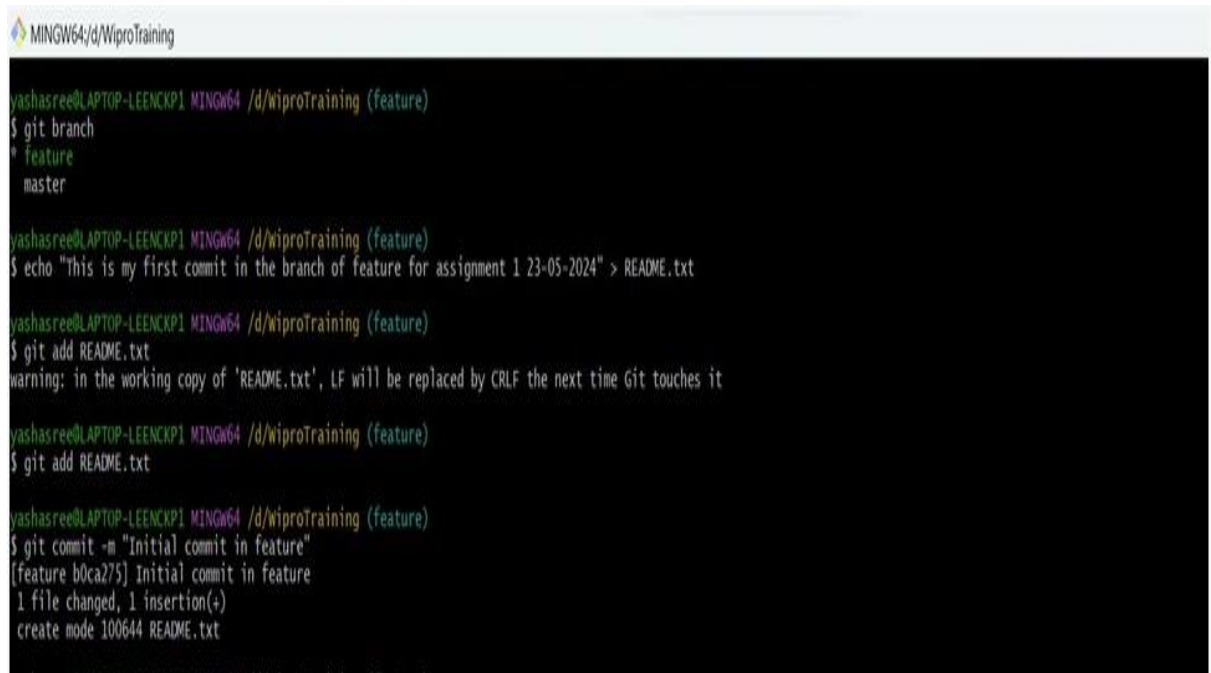
Step 4: Make Changes in the 'feature' Branch

1. Open any file in your repository and make some changes. For example, you can edit
README.md and add a new line.
README This is a new feature in the 'feature' branch.

Step 5: Add the Changes to the Staging Area

1. Use the git add command to stage your changes:
git add README.me

Step 6: Commit the Changes

➢ Commit the changes with a descriptive message:
git commit -m "Added new feature in the 'feature' branch"
git push origin feature

```
LENOVO@LENOVO MINGW64 /d/wipro/Git-github (master)
$ git commit -m "README.txt"
[master (root-commit) cf79f0a] README.txt
 1 file changed, 1 insertion(+)
 create mode 100644 README.txt

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

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

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

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

LENOVO@LENOVO MINGW64 /d/wipro/Git-github (feature)
$ git push origin feature
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

LENOVO@LENOVO MINGW64 /d/wipro/Git-github (feature)
$ git remote add origin https://github.com/sravyabolle/Wipro-rps.git

LENOVO@LENOVO MINGW64 /d/wipro/Git-github (feature)
$ git push origin master
To https://github.com/sravyabolle/Wipro-rps.git
 ! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'https://github.com/sravyabolle/Wipro-rps.git'
hint: Updates were rejected because the remote contains work that you do not
hint: have locally. This is usually caused by another repository pushing to
hint: the same ref. If you want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

LENOVO@LENOVO MINGW64 /d/wipro/Git-github (feature)
$ git push origin feature
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 239 bytes | 239.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature' on GitHub by visiting:
remote:        https://github.com/sravyabolle/Wipro-rps/pull/new/feature
remote:
To https://github.com/sravyabolle/Wipro-rps.git
 * [new branch]      feature -> feature

LENOVO@LENOVO MINGW64 /d/wipro/Git-github (feature)
$ |
```

Wipro-rps Public

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🔀 **feature** had recent pushes 48 seconds ago   **Compare & pull request**

🔀 master ▾   🔀 2 Branches   ◇ 0 Tags   🔍 Go to file   t   Add file ▾   〈〉 Code ▾

📁 sravyabolle sdlc assignment   a86eecd · 49 minutes ago   🕐 1 Commit

📁 SDLC   sdlc assignment   49 minutes ago

📖 README

📖

Add a README

Help people interested in this repository understand your project by adding a README.

Add a README