

ASSIGNMENT-1

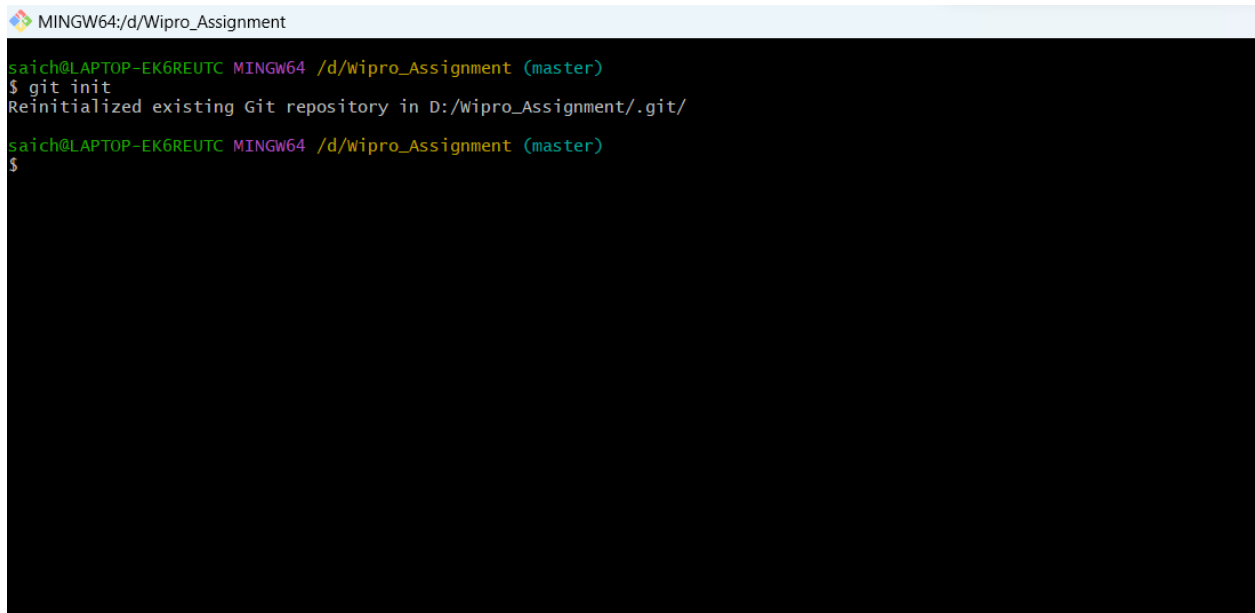
Assignment 1: Initialize a new Git repository in a directory of your choice. Add a simple text file to the repository and make the first commit.

Step1: Initialize the repository:

- Run the git init command in the terminal to create a new Git repository.

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.

A screenshot of a Windows terminal window with a light blue title bar that reads "MINGW64;d/Wipro_Assignment". The terminal has a black background with green text. The prompt is "saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)". The user enters "\$ git init", and the output is "Reinitialized existing Git repository in D:/Wipro_Assignment/.git/". The prompt returns to "\$".

```
MINGW64;d/Wipro_Assignment
saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$ git init
Reinitialized existing Git repository in D:/Wipro_Assignment/.git/
saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$
```

Step 3: Add the File to the Staging

MINGW64:/d/Wipro_Assignment

```
saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git init
Reinitialized existing Git repository in D:/wipro_Assignment/.git/

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ echo "this my first commit" >README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$
```

Name	Date modified	Type	Size
.git	5/24/2024 6:18 PM	File folder	
git_github	5/24/2024 6:14 PM	File folder	
SDLC	5/23/2024 5:06 PM	File folder	
README	5/24/2024 6:20 PM	Text Document	

this my first commit

README - Notepad

File Edit View

this my first commit

Ln 1, Col 1 | 100% | Unix (LF) | UTF-8

MINGW64:/d/Wipro_Assignment

```
saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git init
Reinitialized existing Git repository in D:/Wipro_Assignment/.git/

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ echo "this my first commit" >README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the next time Git touches it

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ |
```

Step 5: Now here added the file

MINGW64:/d/Wipro_Assignment

```
saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$ git init
Reinitialized existing Git repository in D:/Wipro_Assignment/.git/

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ echo "this my first commit" >README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the next time Git touches it

saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$ git commit -m "initial commit with README.txt"
[master 4542151] initial commit with README.txt
1 file changed, 1 insertion(+)
create mode 100644 README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$
```

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**.

```
MINGW64/d/Wipro_Assignment

saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$ git init
Reinitialized existing Git repository in D:/Wipro_Assignment/.git/

saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$ echo "this my first commit" >README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the next time Git touches it

saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$ git commit -m "initial commit with README.txt"
[master 4542151] initial commit with README.txt
1 file changed, 1 insertion(+)
create mode 100644 README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$ git branch
* master

saich@LAPTOP-EK6REUTC MINGW64 /d/Wipro_Assignment (master)
$ |
```

Step 7: Create a New Branch

The **git branch feature** command creates a new branch named **feature**.

MINGW64:/d/Wipro_Assignment

```
saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git init
Reinitialized existing Git repository in D:/wipro_Assignment/.git/

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ echo "this my first commit" >README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the next time Git touches it

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git commit -m "initial commit with README.txt"
[master 4542151] initial commit with README.txt
1 file changed, 1 insertion(+)
create mode 100644 README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git branch
* master

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git branch feature

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git checkout feature
Switched to branch 'feature'

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (feature)
$
```

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 *).

MINGW64/d/Wipro_Assignment

```
saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git init
Reinitialized existing Git repository in D:/wipro_Assignment/.git/

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ echo "this my first commit" >README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the next time Git touches it

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git commit -m "initial commit with README.txt"
[master 4542151] initial commit with README.txt
1 file changed, 1 insertion(+)
create mode 100644 README.txt

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git branch
* master

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git branch feature

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (master)
$ git checkout feature
Switched to branch 'feature'

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (feature)
$ git branch
* feature
  master

saich@LAPTOP-EK6REUTC MINGW64 /d/wipro_Assignment (feature)
$
```