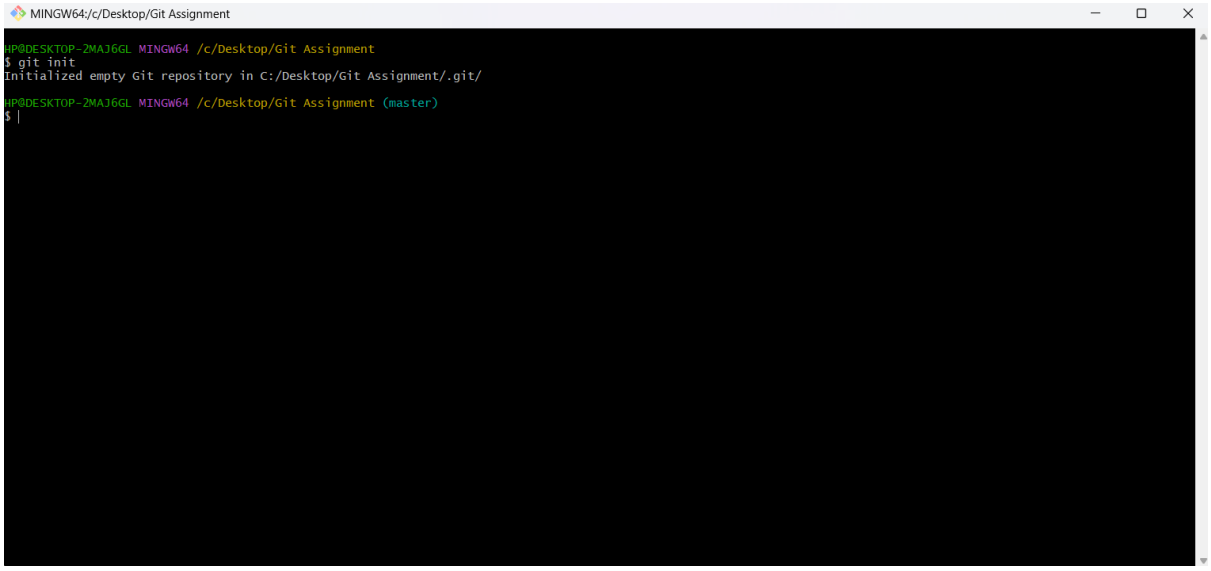
ASSIGNMENT-1

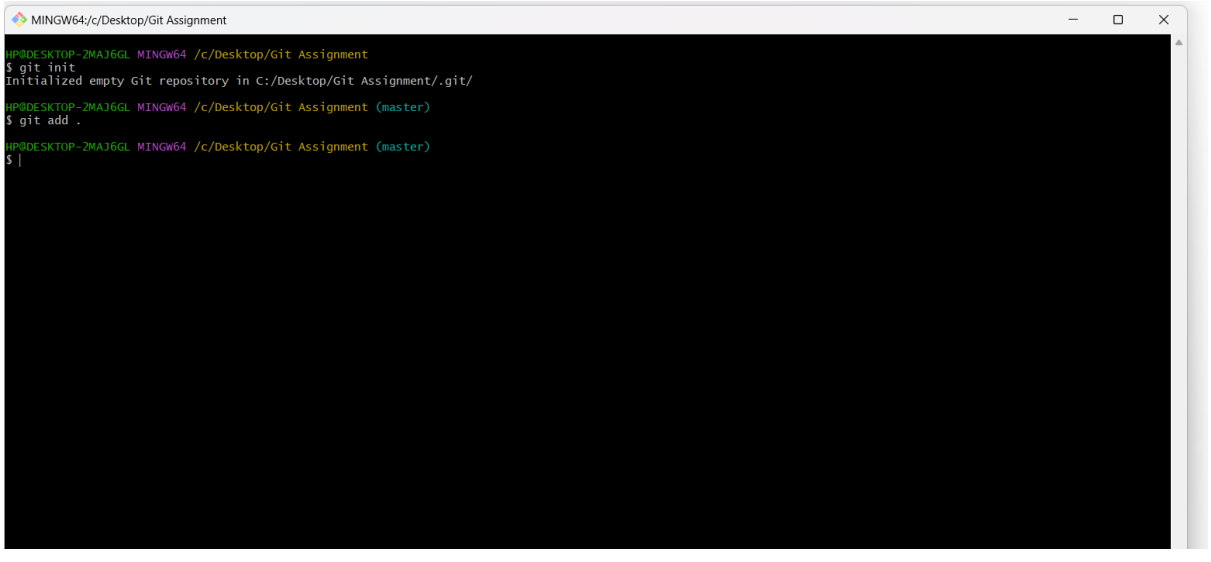
Assignment 1: Initialize a new Git repository in a directory of your choice. Add a simple text file to the repository and make the first commit.

Step1: **Initialize the repository**:
Run the git init command in the terminal to create a new Git repository.

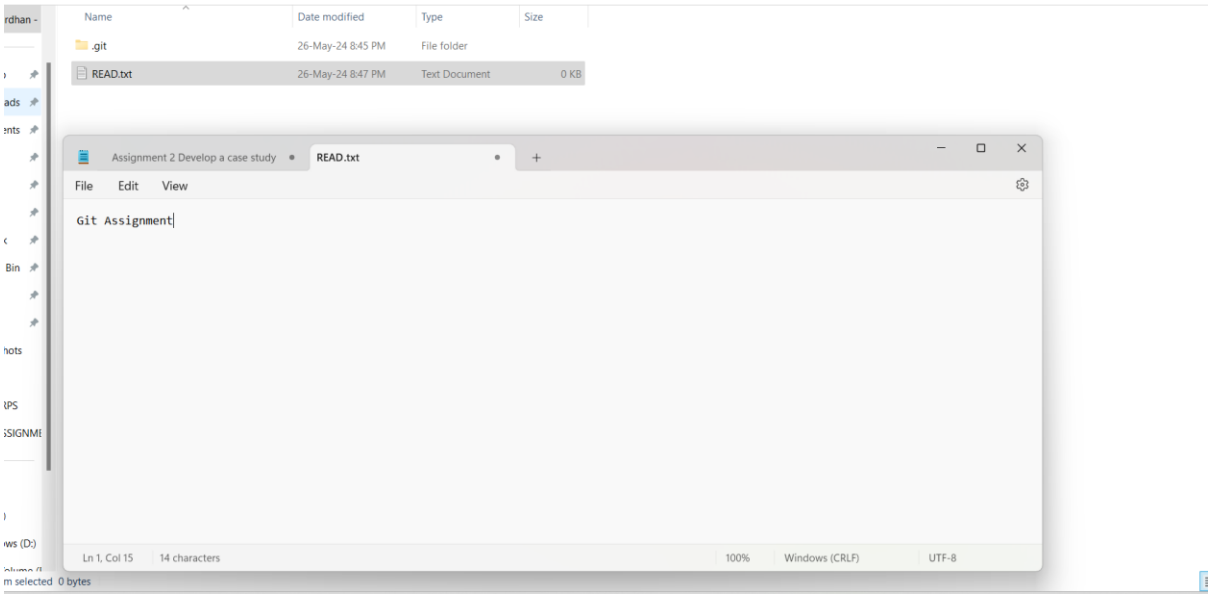
Step 2: **Create a Simple Text File**
echo command outputs the string "This is my first commit" and the > operator redirects this output into a new file named README.txt.

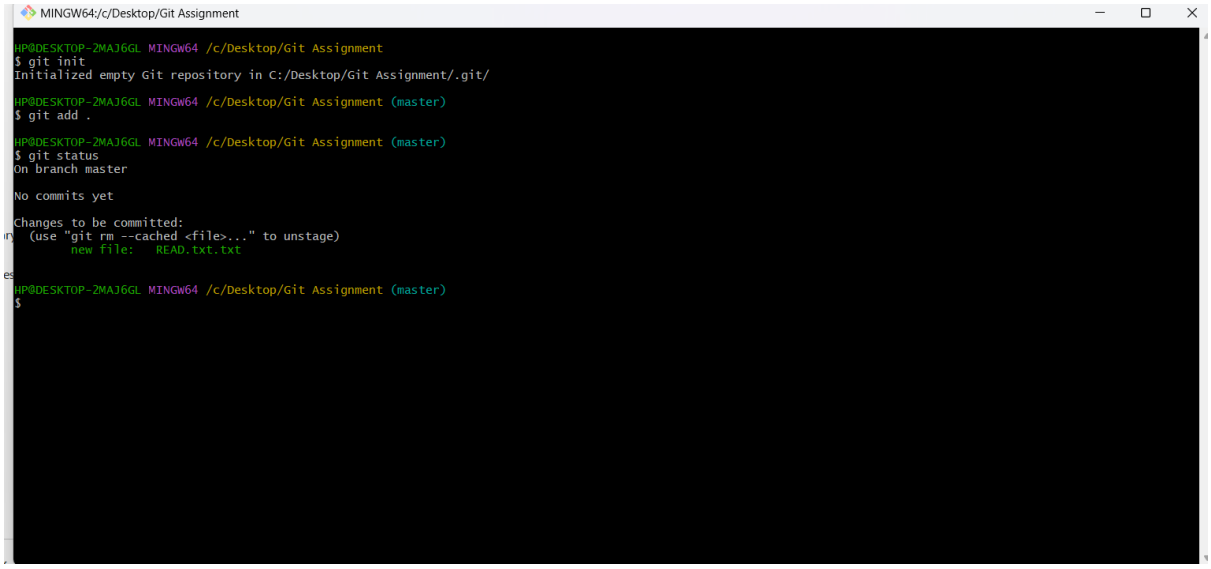


Step 3: Add the File to the Staging Area



Step 4: Now here added the file



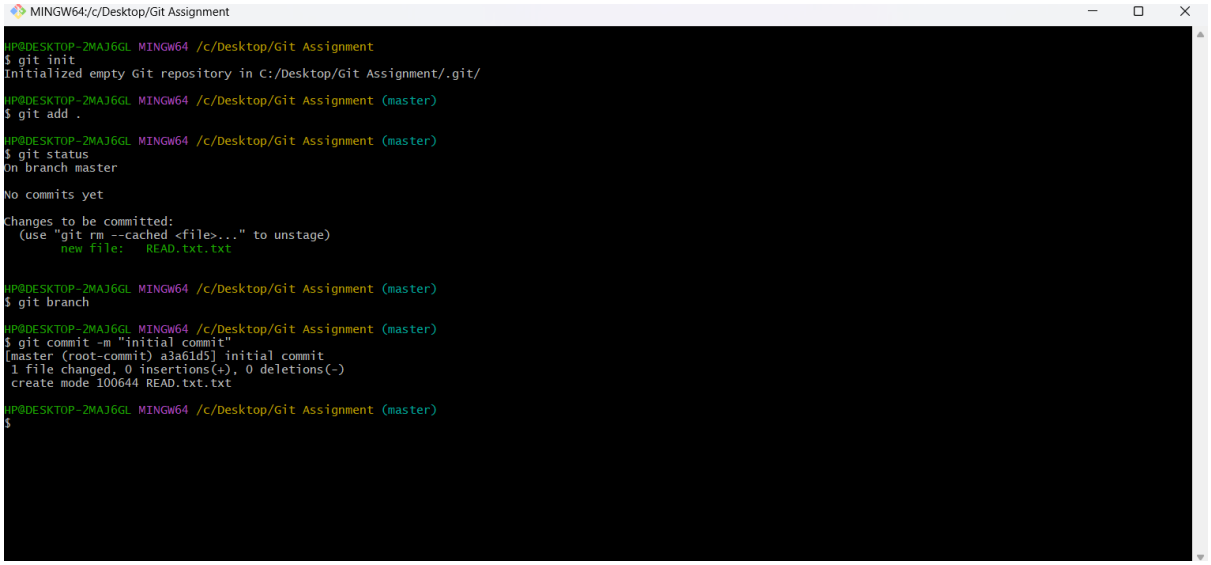


Step 5: Commit the Changes

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".

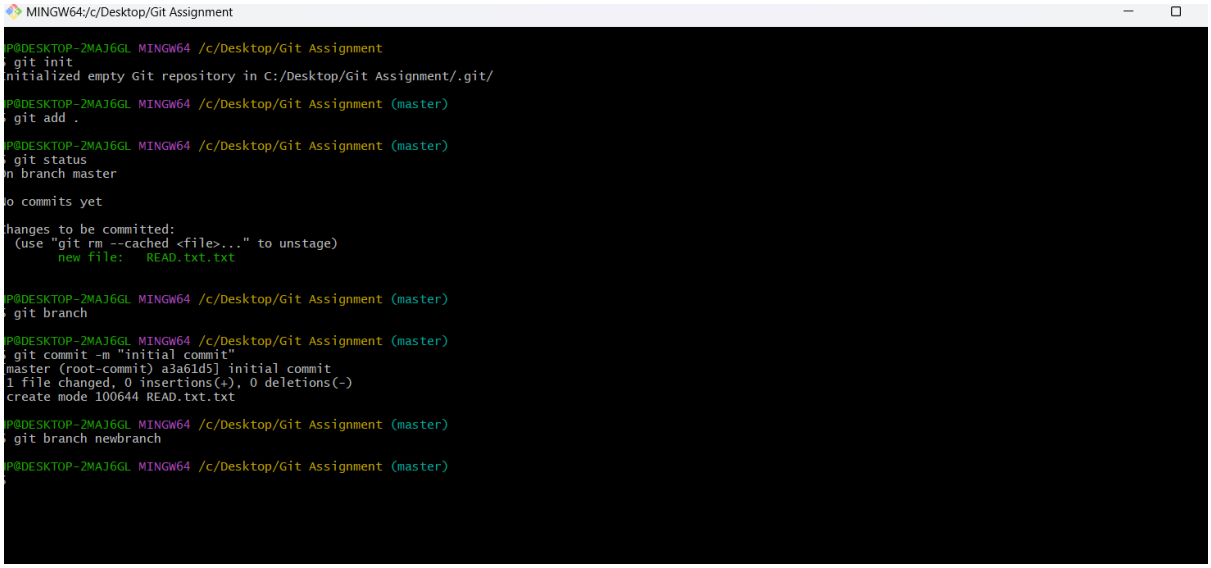
Step 6: List All Branches

The git branch command lists all the branches in the repository. The * indicates the current branch, which is master.



Step 7: Create a New Branch

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

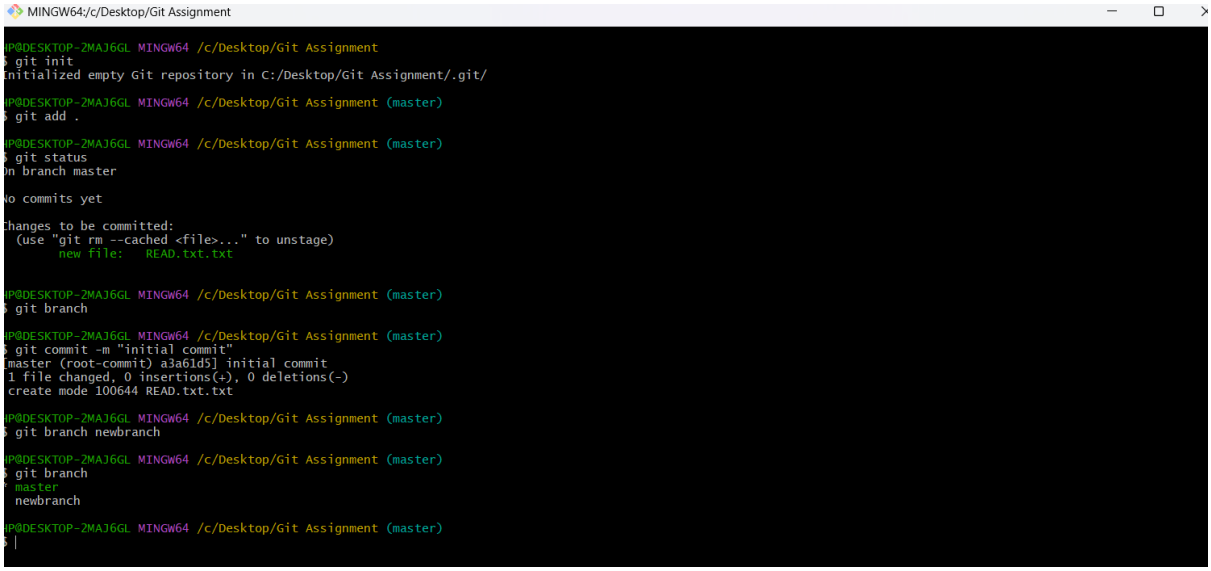


Step 8: Switch to the New Branch

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:/c/Desktop/Git Assignment
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment
$ git init
Initialized empty Git repository in C:/Desktop/Git Assignment/.git/
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)
$ git add .
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)
$ git status
On branch master
No commits yet
Changes to be committed:
(use "git rm --cached <file>..." to unstage)
new file: READ.txt.txt
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)
$ git branch
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)
$ git commit -m "initial commit"
[master (root-commit) a3a61d5] initial commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 READ.txt.txt
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)
$ git branch newbranch
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)
$ git branch
* master
newbranch
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)
$