

# ASSIGNMENT-1

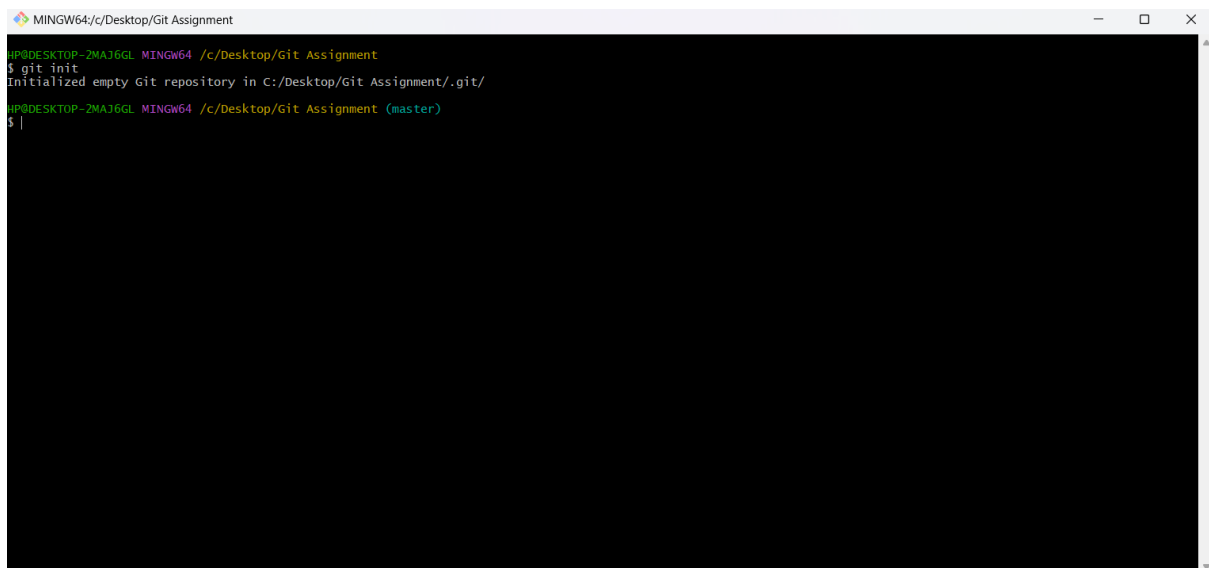
**Assignment 1:** Initialize a new Git repository in a directory of your choice. Add a simple text file to the repository and make the first commit.

## Step1: Initialize the repository:

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

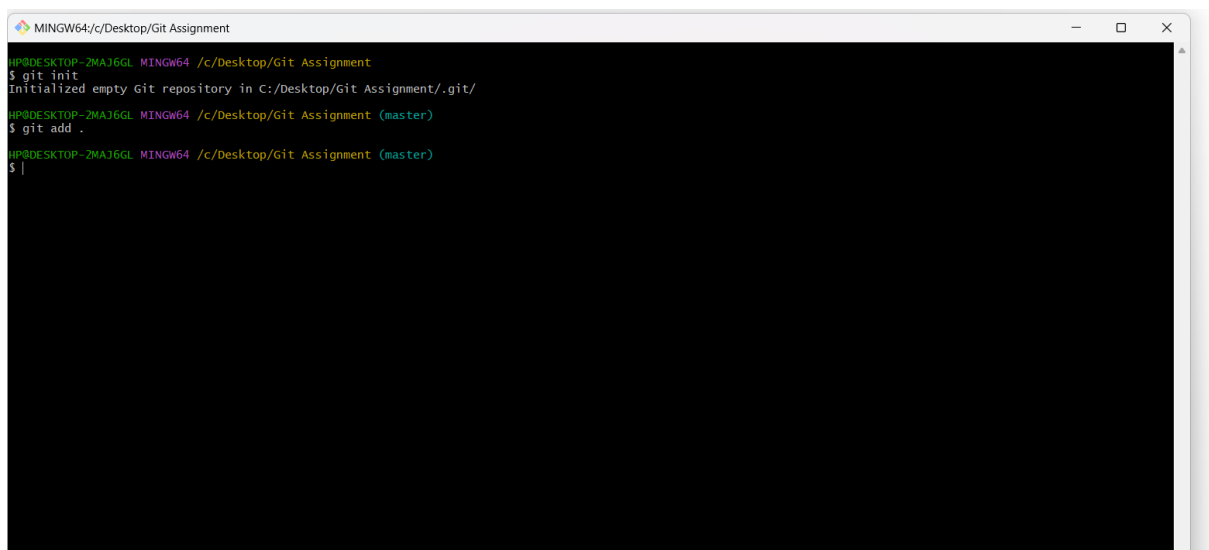
## Step 2: Create a Simple Text File

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 titled "MINGW64;C:/Desktop/Git Assignment". The terminal shows the execution of the 'git init' command. The prompt is 'HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment'. The command '\$ git init' is entered, and the output is 'Initialized empty Git repository in C:/Desktop/Git Assignment/.git/'. The prompt then changes to 'HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)'.

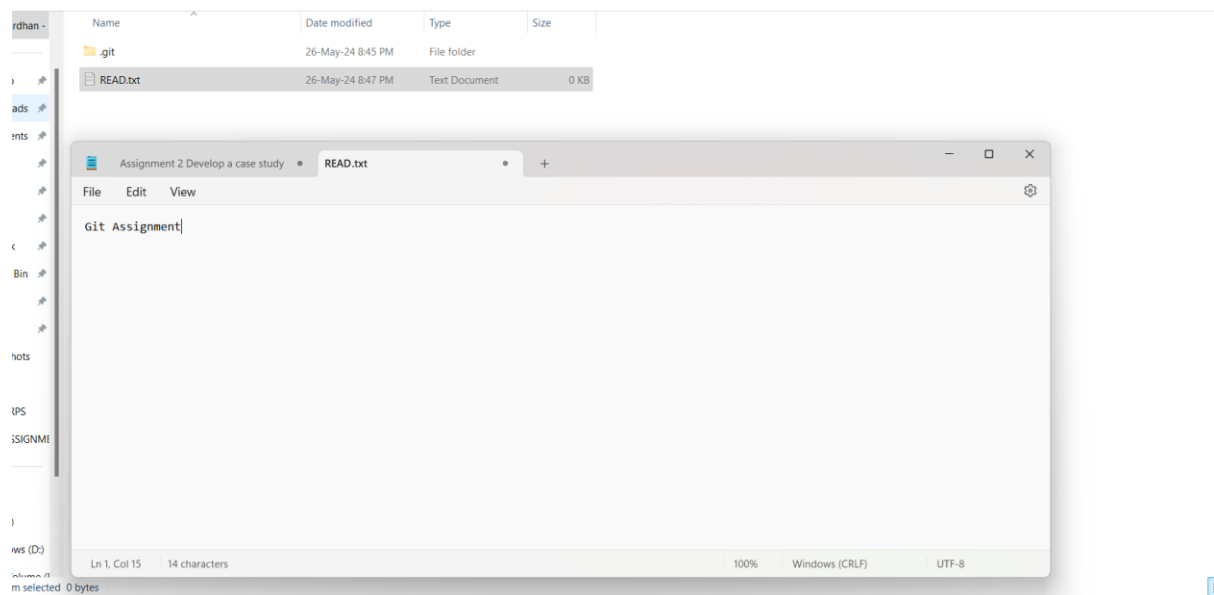
```
MINGW64;C:/Desktop/Git Assignment
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment
$ git init
Initialized empty Git repository in C:/Desktop/Git Assignment/.git/
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)
$ |
```

## Step 3: Add the File to the Staging Area

A screenshot of a Windows terminal window titled "MINGW64;C:/Desktop/Git Assignment". The terminal shows the execution of the 'git add .' command. The prompt is 'HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment'. The command '\$ git init' is entered, and the output is 'Initialized empty Git repository in C:/Desktop/Git Assignment/.git/'. The prompt then changes to 'HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)'. The command '\$ git add .' is entered, and the output is 'HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (master)'.

```
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)
$ |
```

#### Step 4: Now here added the file



```
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)
$
```

#### 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/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)
$
```

## Step 7: Create a New Branch

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

```
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)
$
```

## 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:   README.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 README.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)
$ |
```

## 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.

```
MINGW64/c/Desktop/Git Assignment

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 README.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)
$ git checkout newbranch
Switched to branch 'newbranch'

HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git branch
* master
  newbranch

HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git add README.txt
fatal: pathspec 'README.txt' did not match any files

HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git add README.txt
fatal: pathspec 'README.txt' did not match any files

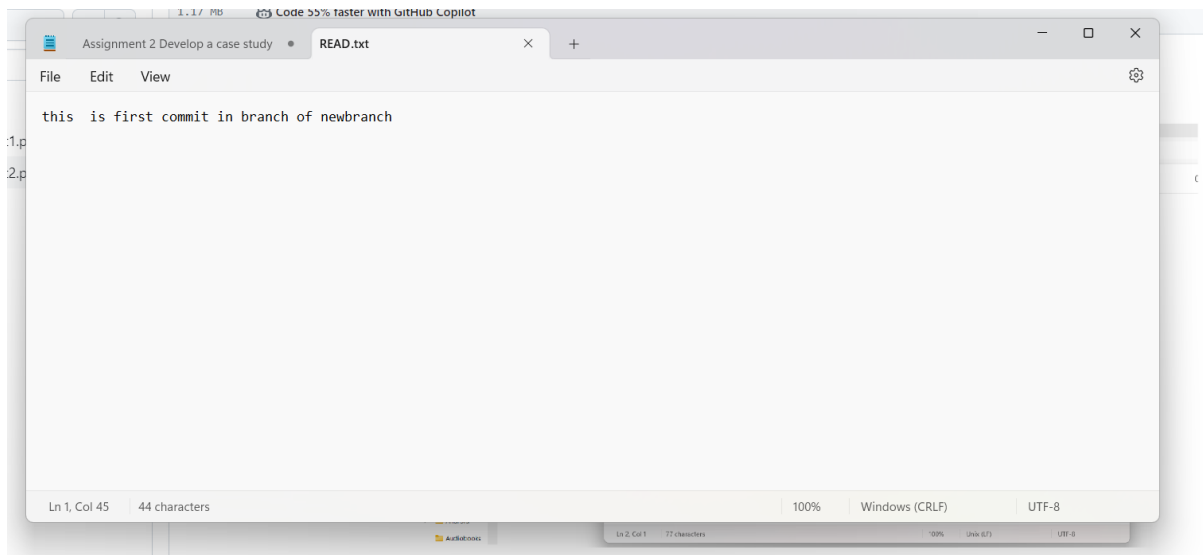
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git add .

HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$
```

## Step 5: Add the Changes to the Staging Area

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

git add README.md



## Step 6: Commit the Changes

Commit the changes with a descriptive message:

```
git commit -m "Added new Result in the 'newbranch' branch"
git push origin feature
```

```
MINGW64~/c/Desktop/Git Assignment
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)
$ git checkout newbranch
Switched to branch 'newbranch'
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git branch
* master
  newbranch
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git add README.txt
fatal: pathspec 'README.txt' did not match any files
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git add READ.txt
fatal: pathspec 'READ.txt' did not match any files
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git add .
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git add .
4
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$ git commit -m "commit new branch"
[newbranch 4299c80] commit new branch
1 file changed, 1 insertion(+)
HP@DESKTOP-2MAJ6GL MINGW64 /c/Desktop/Git Assignment (newbranch)
$
```

github.com/harshsingh23/Wipro\_assignment

harshsingh23 / Wipro\_assignment

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Wipro\_assignment Public

master had recent pushes 23 seconds ago Compare & pull request

newbranch had recent pushes 6 seconds ago Compare & pull request

main 3 Branches 0 Tags Go to file Add file Code

harshsingh23 SDLC ASSIGNMENT 6972127 · 1 hour ago 1 Commit

SDLC-DAY 1.pdf	SDLC ASSIGNMENT	1 hour ago
SDLC-Day 2.pdf	SDLC ASSIGNMENT	1 hour ago

README

Add a README

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

About

No description, website, or topics provided.

Activity

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

github.com/harshsingh23/Wipro\_assignment/blob/newbranch/READ.txt.txt

harshsingh23 / Wipro\_assignment

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Files

newbranch

Go to file

READ.txt.txt

Wipro\_assignment / READ.txt.txt

harshsingh23 commit new branch 4299c80 · 11 minutes ago History

Code Blame 1 lines (1 loc) · 44 Bytes Code 55% faster with GitHub Copilot Raw

```
1 this is first commit in branch of newbranch
```

101°F Mostly clear

Search

ENG IN

9:24 PM 26-May-24