

# ASSIGNMENT 2

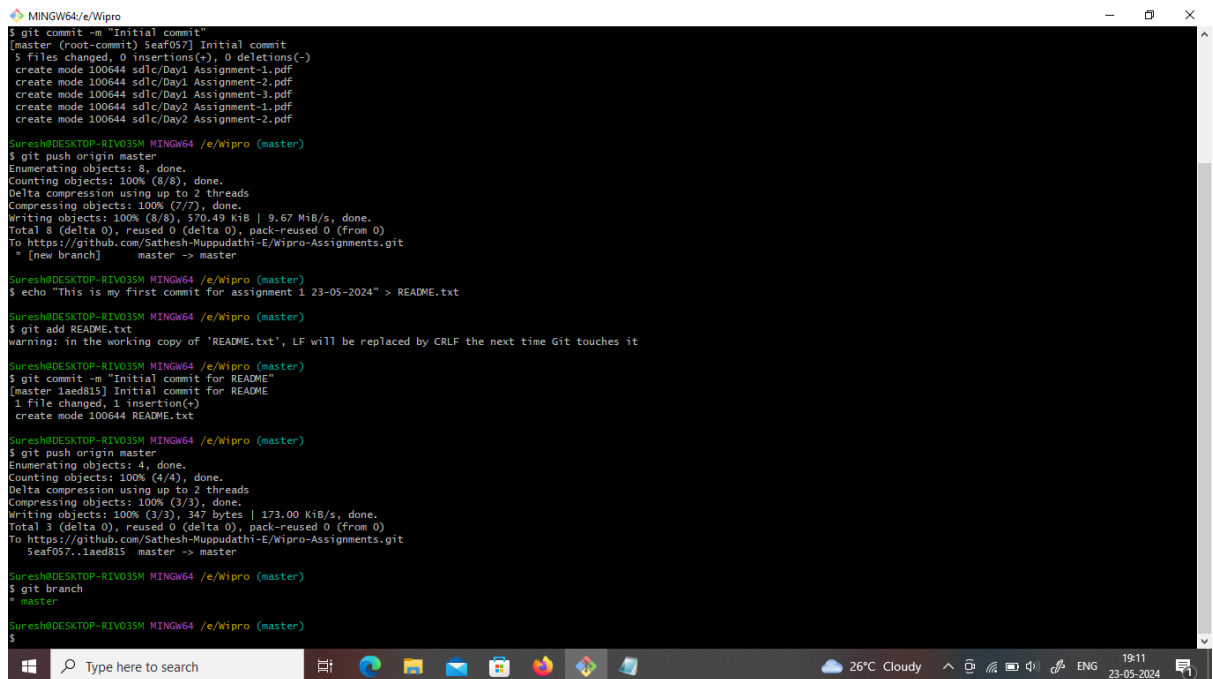
## Branch Creation and Switching

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'

1. Create a new branch by typing the following command:

git branch feature



```
MINGW64/e/Wipro
$ git commit -m "Initial commit"
[master (root-commit) 5eaf057] Initial commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 sdlc/Day1 Assignment-1.pdf
create mode 100644 sdlc/Day1 Assignment-2.pdf
create mode 100644 sdlc/Day1 Assignment-3.pdf
create mode 100644 sdlc/Day2 Assignment-1.pdf
create mode 100644 sdlc/Day2 Assignment-2.pdf

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git push origin master
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 2 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (8/8), 570.49 KiB | 9.67 MiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments.git
 * [new branch]      master -> master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ echo "This is my first commit for assignment 1 23-05-2024" > README.txt

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (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

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git commit -m "Initial commit for README"
[master 1aed815] Initial commit for README
1 file changed, 1 insertion(+)
create mode 100644 README.txt

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 347 bytes | 173.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments.git
 5eaf057..1aed815 master -> master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git branch
* master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$
```

### Step 2: Switch to the 'feature' Branch

1. Switch to the newly created 'feature' branch using the **checkout** command:

git checkout feature

```
MINGW64/e/Wipro
Counting objects: 100% (8/8), done.
Delta compression using up to 2 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (8/8), 570.49 KiB | 9.67 MiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments.git
* [new branch]      master -> master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ echo "This is my first commit for assignment 1 23-05-2024" > README.txt

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (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

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git commit -m "Initial commit for README"
[master 1aed815] Initial commit for README
1 file changed, 1 insertion(+)
create mode 100644 README.txt

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 347 bytes | 173.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments.git
Seaf057..1aed815 master -> master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git branch
* master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git branch feature
Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git checkout feature
Switched to branch 'feature'

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git branch
* feature
  master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ |
```

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

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

git branch

```
MINGW64/e/Wipro
Counting objects: 100% (8/8), done.
Delta compression using up to 2 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (8/8), 570.49 KiB | 9.67 MiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments.git
* [new branch]      master -> master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ echo "This is my first commit for assignment 1 23-05-2024" > README.txt

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (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

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git commit -m "Initial commit for README"
[master 1aed815] Initial commit for README
1 file changed, 1 insertion(+)
create mode 100644 README.txt

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 347 bytes | 173.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments.git
Seaf057..1aed815 master -> master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git branch
* master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git branch feature
Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git checkout feature
Switched to branch 'feature'

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git branch
* feature
  master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ |
```

### 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/e/Wipro
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the next time Git touches it

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git commit -m "Initial commit for README"
[master 1aed815] Initial commit for README
1 file changed, 1 insertion(+)
create mode 100644 README.txt

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 347 bytes | 173.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments.git
Seaf057..1aed815 master -> master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git branch
* master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git branch feature

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git checkout feature
Switched to branch 'feature'

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git branch
* feature
  master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ echo "This is my first commit in the branch of feature for assignment 1 23-05-2024" > README.txt

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the next time Git touches it

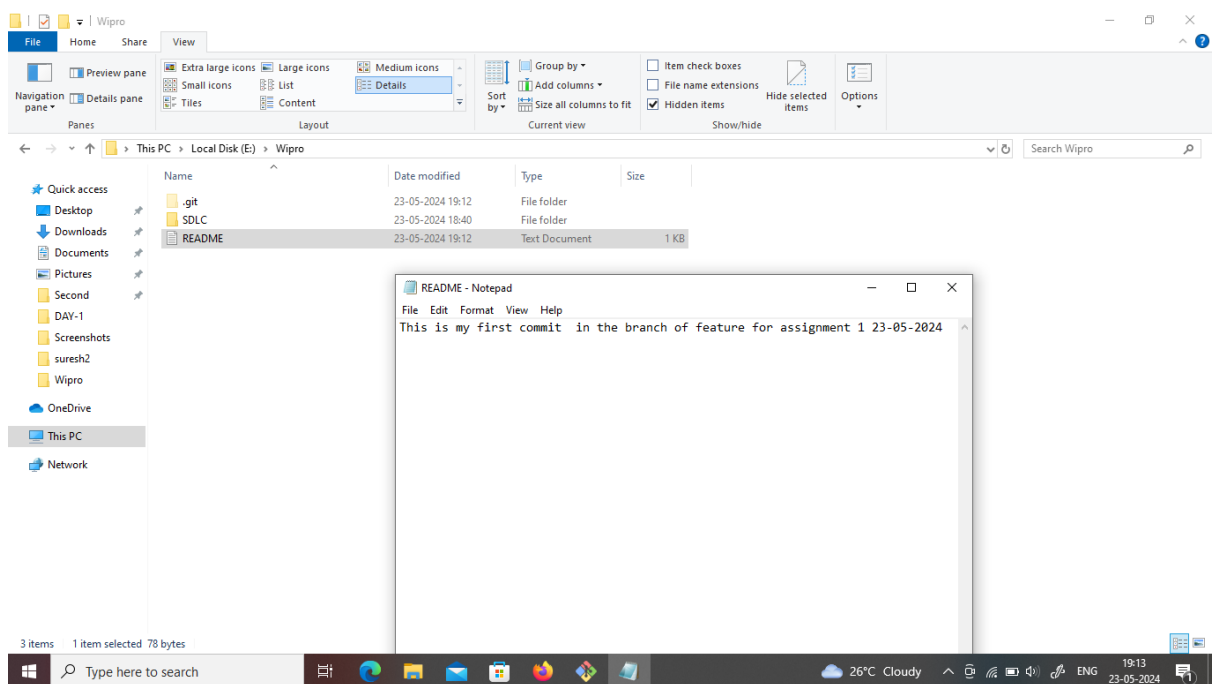
Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git commit -m "Initial commit in feature"
[feature 2004c23] Initial commit in feature
1 file changed, 1 insertion(+), 1 deletion(-)

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ ~
```

## 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

1. Commit the changes with a descriptive message:

**git commit -m "Added new feature in the 'feature' branch"**

**git push origin feature**

```
MINGW64/e/Wipro
Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git branch
* master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git branch feature

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (master)
$ git checkout feature
Switched to branch 'feature'

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git branch
* feature
  master

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ echo "This is my first commit in the branch of feature for assignment 1 23-05-2024" > README.txt

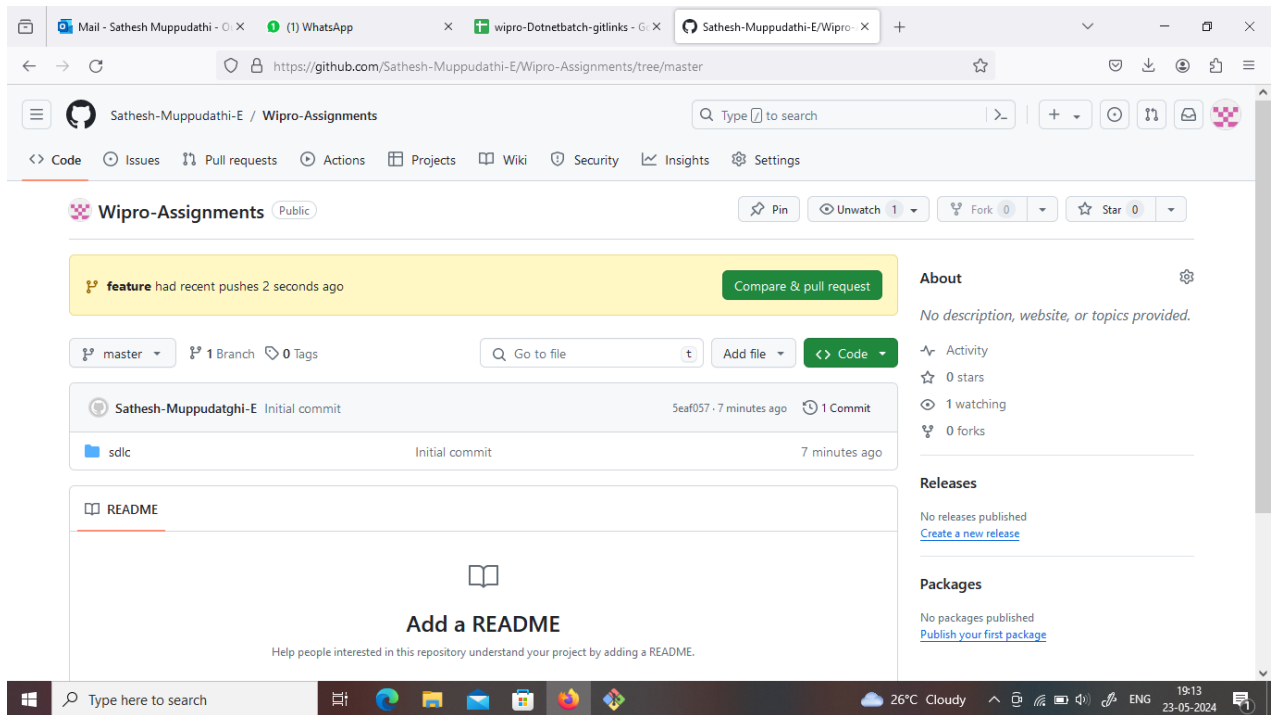
Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the next time Git touches it

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git commit -m "Initial commit in feature"
[feature 2004c23] Initial commit in feature
1 file changed, 1 insertion(+), 1 deletion(-)

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git push origin master
Everything up-to-date

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$ git push origin feature
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 367 bytes | 183.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Create a pull request for 'feature' on GitHub by visiting:
remote: https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments/pull/new/feature
remote:
To https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments.git
+ [new branch] feature -> feature

Suresh@DESKTOP-RIV035M MINGW64 /e/Wipro (feature)
$
```



Mail - Sathesh Muppudathi · (1) WhatsApp · wipro-Dotnetbatch-gitlinks · Comparing master...feature ·

https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments/compare/feature?expand=1

Markdown is supported · Paste, drop, or click to add files · Create pull request · Use Closing keywords in the description to automatically close issues · Helpful resources · GitHub Community Guidelines

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

1 commit · 1 file changed · 1 contributor

Commits on May 23, 2024

Initial commit in feature  
Sathesh-Muppudathi-E committed 1 minute ago

Showing 1 changed file with 1 addition and 1 deletion · Split · Unified

2 README.txt

```
... .. @@ -1 +1 @@
1 - This is my first commit for assignment 1 23-05-2024
1 + This is my first commit in the branch of feature for assignment 1 23-05-2024
```

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Type here to search · 26°C Cloudy · 19:14 23-05-2024

Mail - Sathesh Muppudathi · (1) WhatsApp · wipro-Dotnetbatch-gitlinks · Initial commit in feature by Sath ·

https://github.com/Sathesh-Muppudathi-E/Wipro-Assignments/pull/1

Open Initial commit in feature #1  
Sathesh-Muppudathi-E wants to merge 1 commit into master from feature

No description provided.

Initial commit in feature · 2004c23

Add more commits by pushing to the feature branch on Sathesh-Muppudathi-E/Wipro-Assignments.

Require approval from specific reviewers before merging  
Rulesets ensure specific people approve pull requests before they're merged. Add rule

Continuous integration has not been set up  
GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

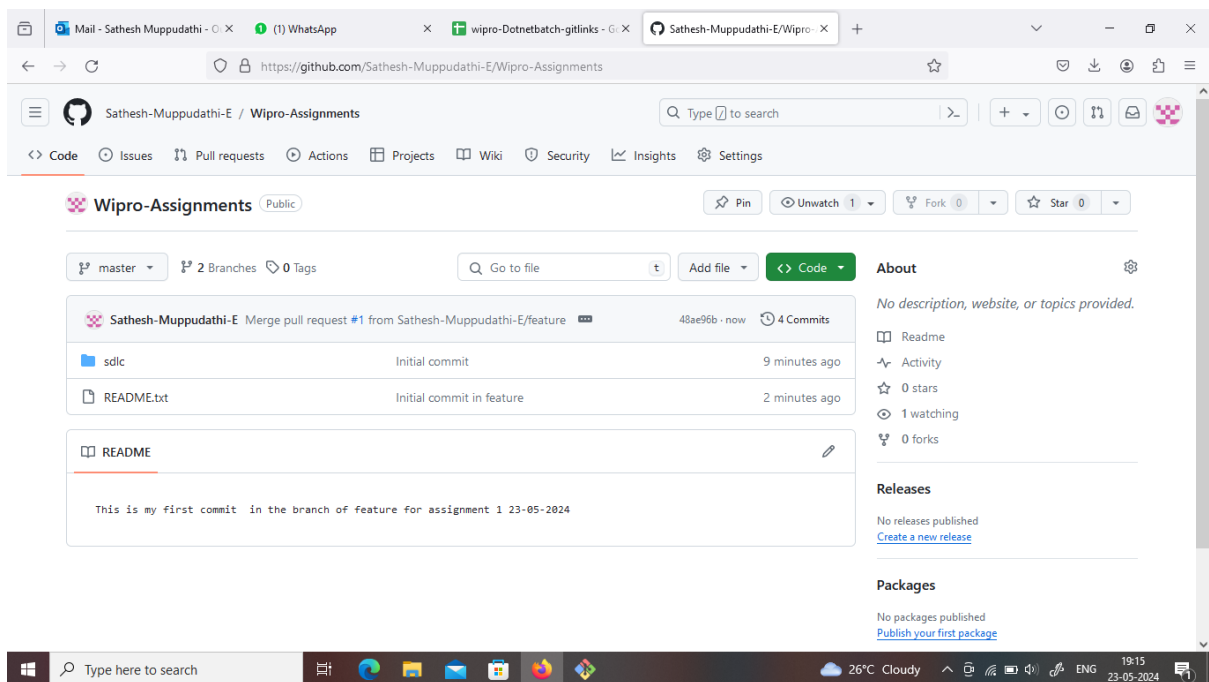
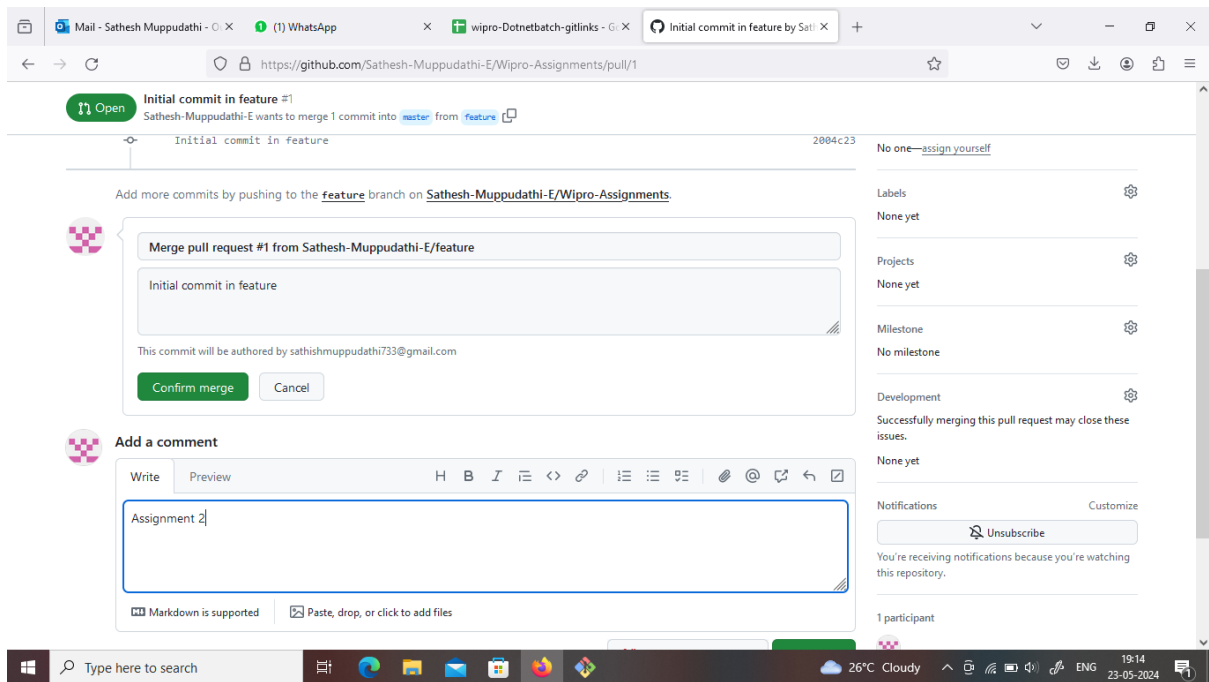
This branch has no conflicts with the base branch  
Merging can be performed automatically.

Merge pull request · You can also open this in GitHub Desktop or view command line instructions.

Add a comment · Write · Preview · H B I · Add rule · Unsubscribe

No reviews · Still in progress? Convert to draft · Assignees · No one—assign yourself · Labels · None yet · Projects · None yet · Milestone · No milestone · Development · Successfully merging this pull request may close these issues. · None yet · Notifications · Customize

Type here to search · 26°C Cloudy · 19:14 23-05-2024



## Conclusion

Successfully created a new branch, switched to it, made changes, and committed those changes. This process is essential for managing different features and versions of project in Git.