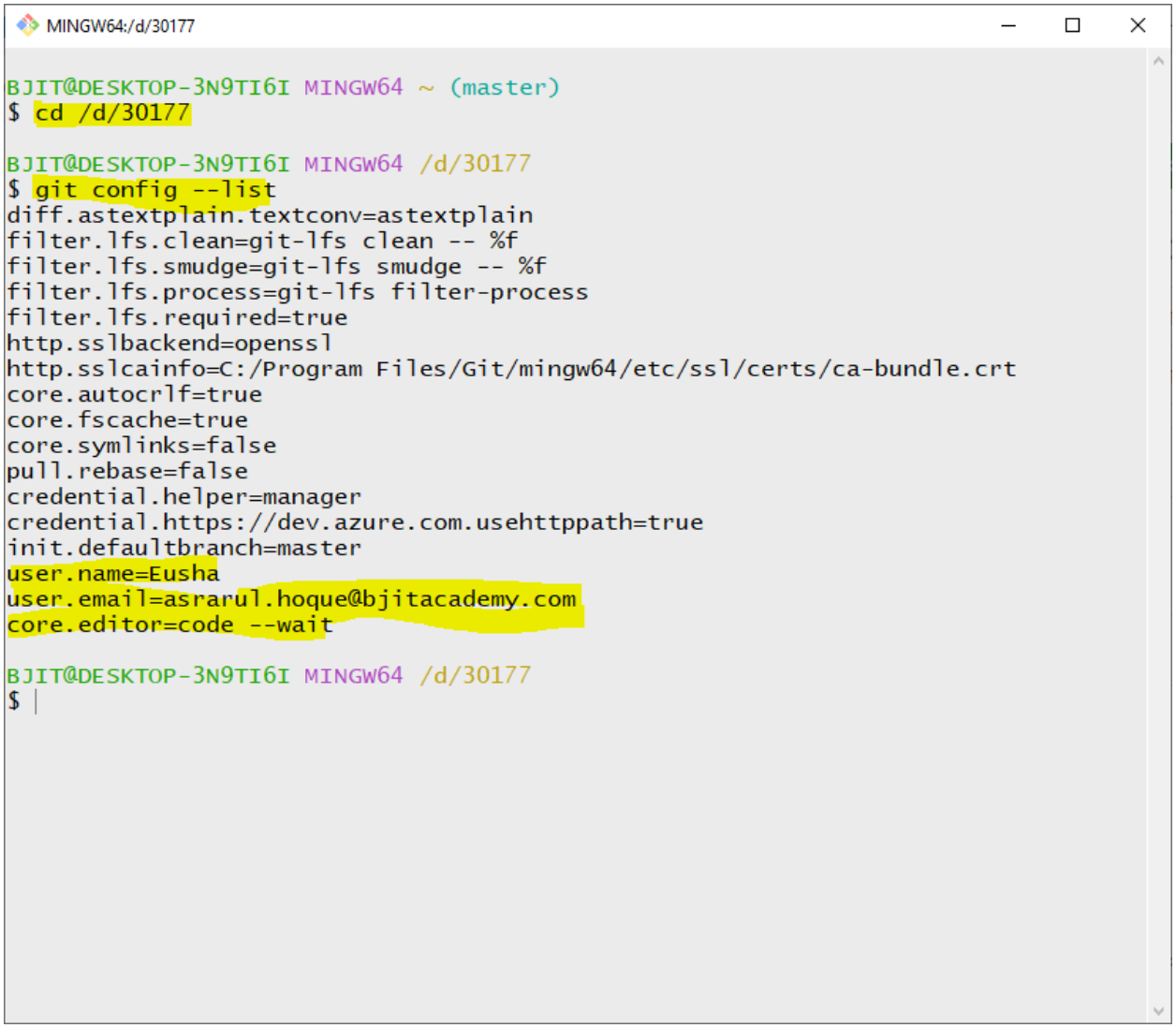
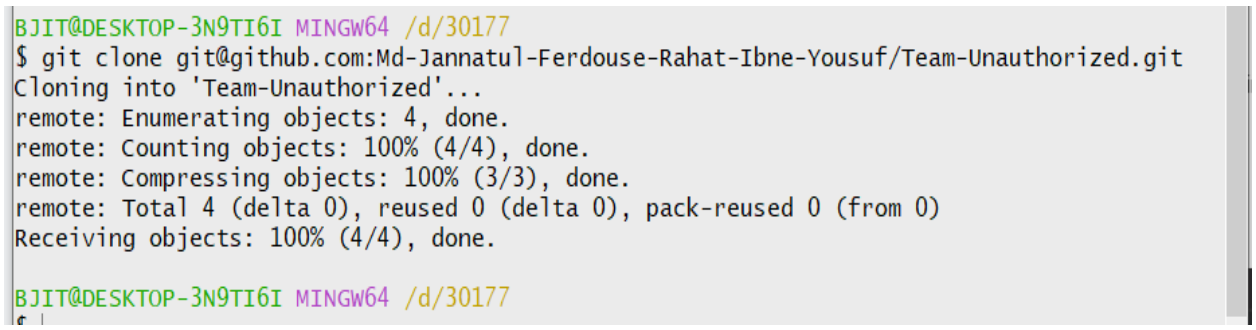
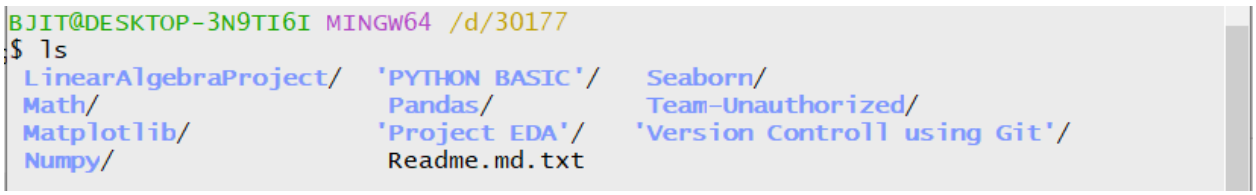


At first gone to the directory where I want to work. And checked the configuration.



Cloned the remote repo by using git clone command.



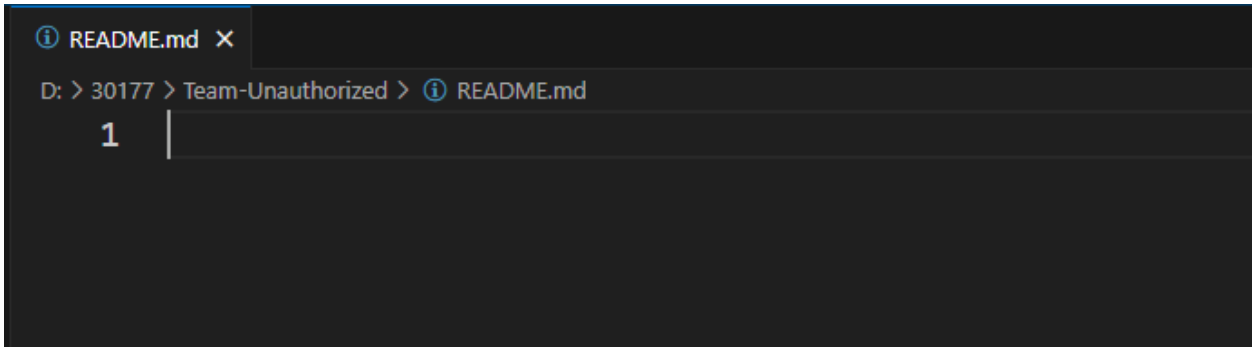
Checking the repository in the folder if it's been cloned.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177
$ cd Team-Unauthorized

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$ git branch
* development

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$ git branch -a
* development
  remotes/origin/HEAD -> origin/development
  remotes/origin/development
  remotes/origin/main

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$
```

Now entered in the Repository folder and checking the branches.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$ git branch task4Branch

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$ git branch
* development
  task4Branch

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$ git checkout task4Branch
Switched to branch 'task4Branch'
```

Creating the new task branch for working. And checked out to that branch.



Empty readme after cloning the repository.

README.md M × Preview README.md

README.md > ### Usage

```
### Usage
<ul>
<li> <b>Search for Restaurants:</b> Use the search functionality to find dining
options
based on your preferences. </li>
<li> <b>Explore Restaurant Profiles:</b> Click on a restaurant to view its detailed
profile,
including menu items and reviews. </li>
<li> <b>Read and Write Reviews:</b> Share your dining experiences by leaving reviews
and ratings for restaurants. </li>
<li> <b>Save Favourites:</b> Create an account to save your favourite restaurants and
receive personalized recommendations. </li>
<li> <b>Get Directions:</b> Click on the map integration to get directions to the
selected
restaurant </li>
</ul>

Thank you to the following contributors who have helped to improve this project:
<table>
<tr>
<th> Name </th> <th> Email </th> <th> Phone</th>
</tr>
<tr>
```

Modified readme after completing the task 4.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branch)
$ git status
On branch task4Branch
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")
```

Checking the status of tracked and untracked files

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branch)
$ git add README.md

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branch)
$ git status
On branch task4Branch
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md
```

Added the README.md file to the staging area.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branch)
$ git commit -m "ADDED USAGE" -m "Added Useage section in the readme file with con
tributors information" -m "Ref 41235"
[task4Branch 0c70273] ADDED USAGE
 1 file changed, 36 insertions(+), 1 deletion(-)
```

Commit the changes to Local repository with commit message.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branch)
$ git status
On branch task4Branch
nothing to commit, working tree clean

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branch)
$ git log
commit 0c7027360efb185ad19ac9cfa0d798e84453899e (HEAD -> task4Branch)
Author: Eusha <asrarul.hoque@bjitacademy.com>
Date:   Mon Nov 25 14:34:54 2024 +0600

    ADDED USAGE

    Added Useage section in the readme file with contributors information

    Ref 41235

commit 1f6f44d5dd0d9299035dc5cdd68abfe5031e7759 (origin/main, origin/development,
origin/HEAD, development)
Author: Md. Jannatul Ferdouse Rahat Ibne Yousuf <jannatul.ferdous@bjitacademy.com>
Date:   Mon Nov 25 12:26:39 2024 +0600

    Initial commit
```

Seeing the commit history.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branch|MERGING)
$ git merge --abort

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branch)
$ git checkout development
Switched to branch 'development'
Your branch is behind 'origin/development' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$ git pull origin development
From github.com:Md-Jannatul-Ferdouse-Rahat-Ibne-Yousuf/Team-Unauthorized
 * branch            development -> FETCH_HEAD
Updating 1f6f44d..c198da1
Fast-forward
 README.md | 11 ++++++++++-
 1 file changed, 10 insertions(+), 1 deletion(-)
```

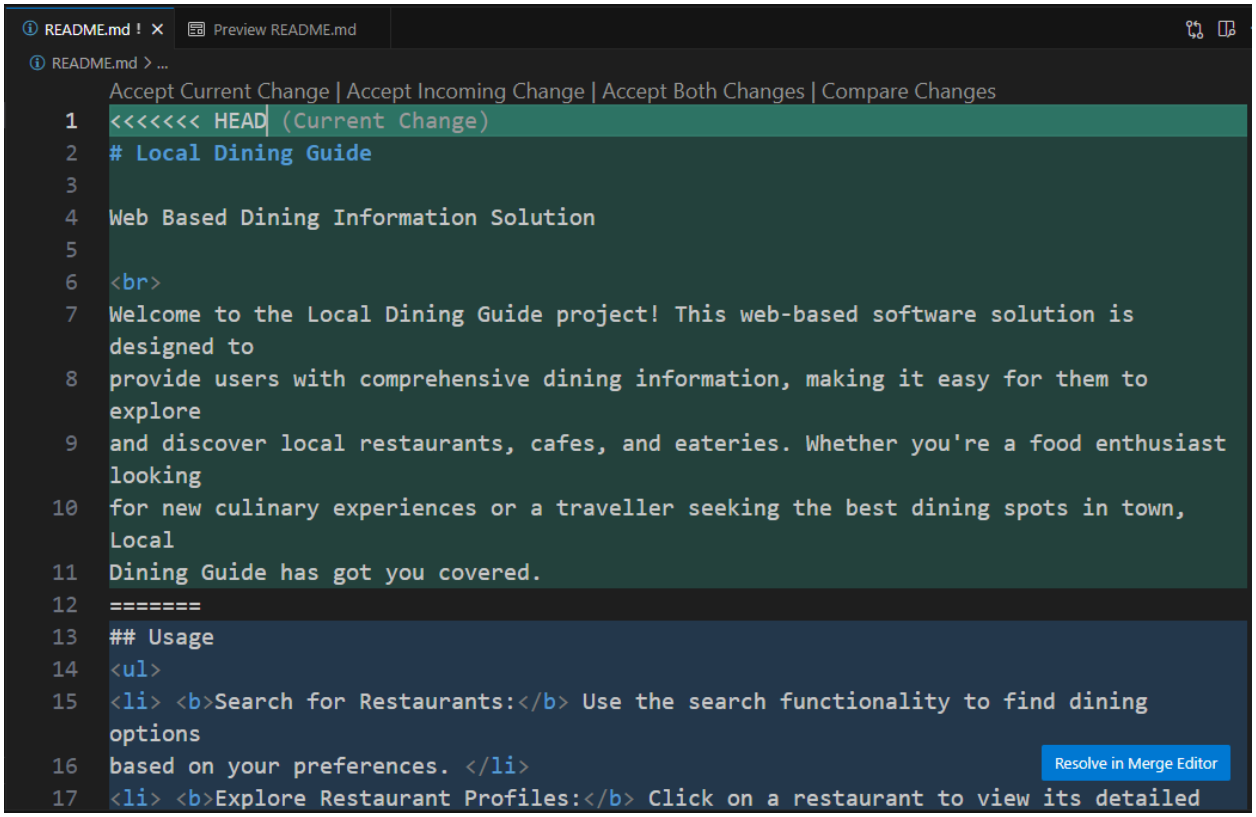
Now pulled the remote development to the local development branch. It’s merged with local development branch without conflict.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$ git branch task4Branchcpy

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$ git checkout task4Branchcpy
Switched to branch 'task4Branchcpy'
```

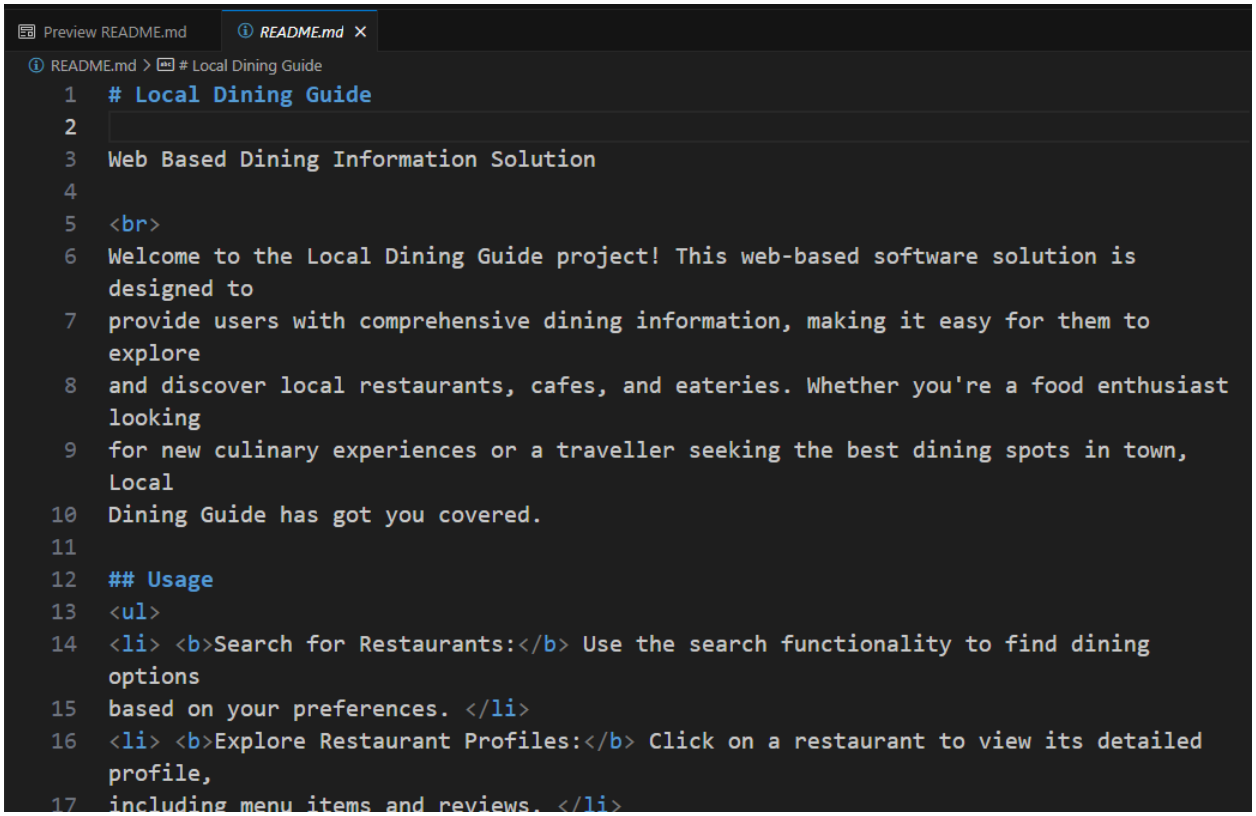
Creating another branch and checkingout to it for cherry-pick.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branchcpy)
$ git cherry-pick 0c70273
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply 0c70273... ADDED USAGE
hint: After resolving the conflicts, mark them with
hint: "git add/rm <pathspec>", then run
hint: "git cherry-pick --continue".
hint: You can instead skip this commit with "git cherry-pick --skip".
hint: To abort and get back to the state before "git cherry-pick",
hint: run "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"
```

Now cherry-pick the last commit (with commit id 0c70273) done by me in the task4Branch.



Showing the conflict occurred in the README.md file.



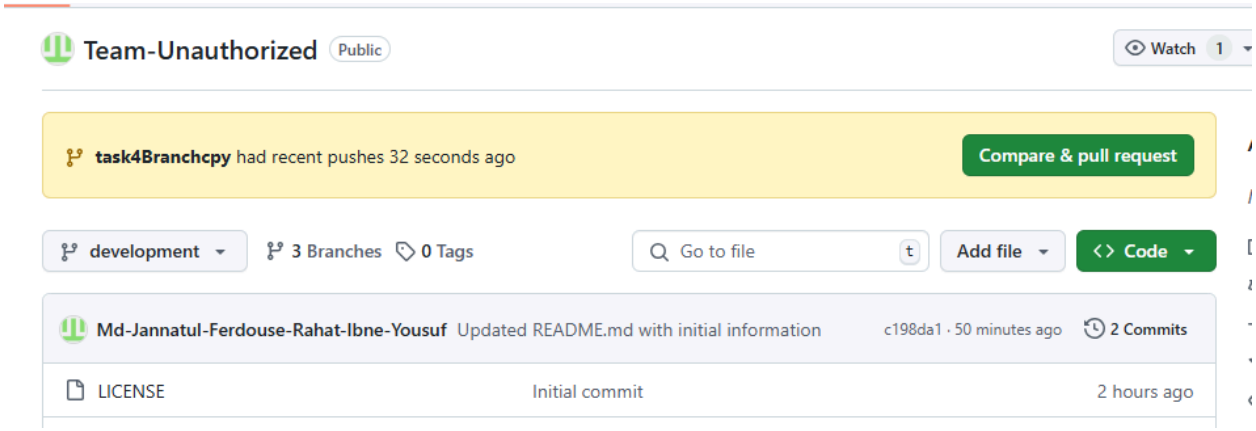
Now Conflict resolved in the README.md file manually.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branchcpy|CHERRY-PICKING)
$ git add README.md

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branchcpy|CHERRY-PICKING)
$ git status
On branch task4Branchcpy
You are currently cherry-picking commit 0c70273.
  (all conflicts fixed: run "git cherry-pick --continue")
  (use "git cherry-pick --skip" to skip this patch)
  (use "git cherry-pick --abort" to cancel the cherry-pick operation)

Changes to be committed:
        modified:   README.md


BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branchcpy|CHERRY-PICKING)
$ git cherry-pick --continue
[task4Branchcpy f3eb797] ADDED USAGE
 Date: Mon Nov 25 14:34:54 2024 +0600
 1 file changed, 37 insertions(+)
```

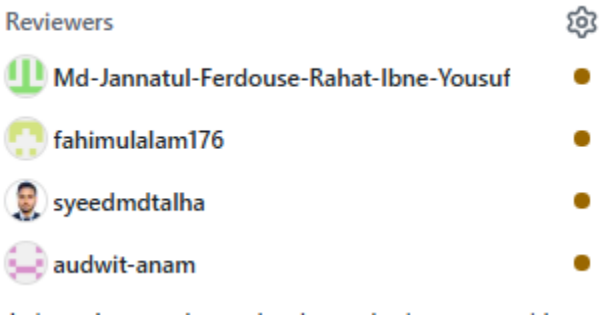
Now added the README.md file in the staging area. And continuing the cherry-pick. Now it's been resolved.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (task4Branchcpy)
$ git push -u origin task4Branchcpy
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 1.08 KiB | 1.08 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'task4Branchcpy' on GitHub by visiting:
remote:      https://github.com/Md-Jannatul-Ferdouse-Rahat-Ibne-Yousuf/Team-Unauthorized/pull/new/task4Branchcpy
remote:
To github.com:Md-Jannatul-Ferdouse-Rahat-Ibne-Yousuf/Team-Unauthorized.git
 * [new branch]      task4Branchcpy -> task4Branchcpy
branch 'task4Branchcpy' set up to track 'origin/task4Branchcpy'.
```

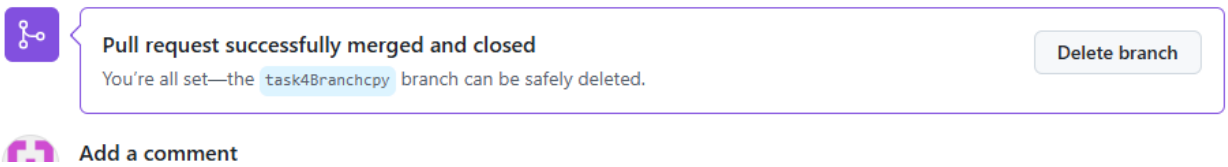
Now push using upstream to make the both development synchronized. And successfully pushed to the github.



Pull request in github has been performed.



Added reviewers to review the code.



Deleted the branch after merging successfully.