

```
MINGW64/d/30177

BJIT@DESKTOP-3N9TI6I MINGW64 ~ (master)
$ cd /d/30177

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=Eusha
user.email=asrarul.hoque@bjitacademy.com
core.editor=code --wait

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177
$ |
```

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

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177
$ git clone git@github.com:Md-Jannatul-Ferdouse-Rahat-Ibne-Yousuf/Team-Unauthorized.git
Cloning into 'Team-Unauthorized'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.

BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177
$ |
```

Cloned the remote repo by using git clone command.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177
$ ls
LinearAlgebraProject/  'PYTHON BASIC'/  Seaborn/
Math/                 Pandas/           Team-Unauthorized/
Matplotlib/           'Project EDA'/   'Version Controll using Git'/
Numpy/                Readme.md.txt
```

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)
$
```

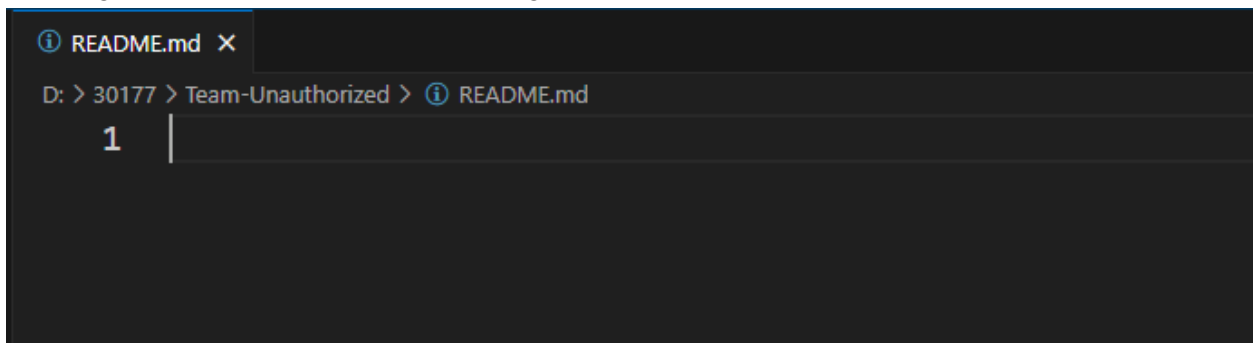
Now entered in the Repository folder and checking the branches.

```
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.

```
1  ### Usage
2  <ul>
3  <li> <b>Search for Restaurants:</b> Use the search functionality to find dining
4  options
5  based on your preferences. </li>
6  <li> <b>Explore Restaurant Profiles:</b> Click on a restaurant to view its detailed
7  profile,
8  including menu items and reviews. </li>
9  <li> <b>Read and Write Reviews:</b> Share your dining experiences by leaving reviews
10 and ratings for restaurants. </li>
11 <li> <b>Save Favourites:</b> Create an account to save your favourite restaurants and
12 receive personalized recommendations. </li>
13 <li> <b>Get Directions:</b> Click on the map integration to get directions to the
14 selected
15 restaurant </li>
16 </ul>
17
18 Thank you to the following contributors who have helped to improve this project:
19 <table>
20 <tr>
21 <th> Name </th> <th> Email </th> <th> Phone</th>
22 </tr>
23 <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 Usage 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 Usage 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.

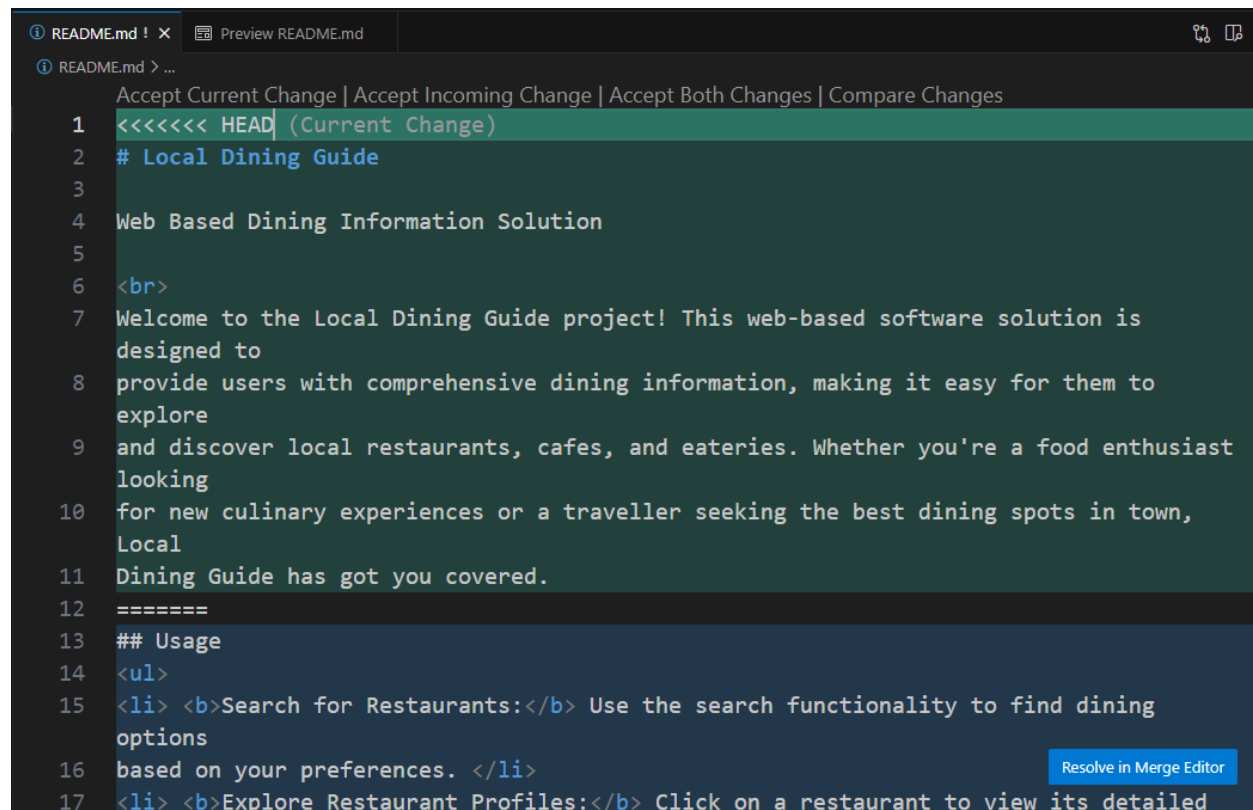
```
BJIT@DESKTOP-3N9TI6I MINGW64 /d/30177/Team-Unauthorized (development)
$ git branch task4Branchcpy

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 <paths>", 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.



```
1 <<<<<< HEAD | (Current Change)
2 # Local Dining Guide
3
4 Web Based Dining Information Solution
5
6 <br>
7 Welcome to the Local Dining Guide project! This web-based software solution is
8 provide users with comprehensive dining information, making it easy for them to
9 and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast
10 looking
11 for new culinary experiences or a traveller seeking the best dining spots in town,
12 Local
13 Dining Guide has got you covered.
14 =====
15 ## Usage
16 <ul>
17 <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
```

Showing the conflict occurred in the README.md file.

```
Preview README.md  README.md X
README.md > # Local Dining Guide
1 # Local Dining Guide
2
3 Web Based Dining Information Solution
4
5 <br>
6 Welcome to the Local Dining Guide project! This web-based software solution is
7 designed to
8 provide users with comprehensive dining information, making it easy for them to
9 explore
10 and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast
11 looking
12 for new culinary experiences or a traveller seeking the best dining spots in town,
13 Local
14 Dining Guide has got you covered.
15
16 ## Usage
17 <ul>
18 <li> <b>Search for Restaurants:</b> Use the search functionality to find dining
19 options
20 based on your preferences. </li>
21 <li> <b>Explore Restaurant Profiles:</b> Click on a restaurant to view its detailed
22 profile,
23 including menu items and reviews. </li>
```

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(+)
```

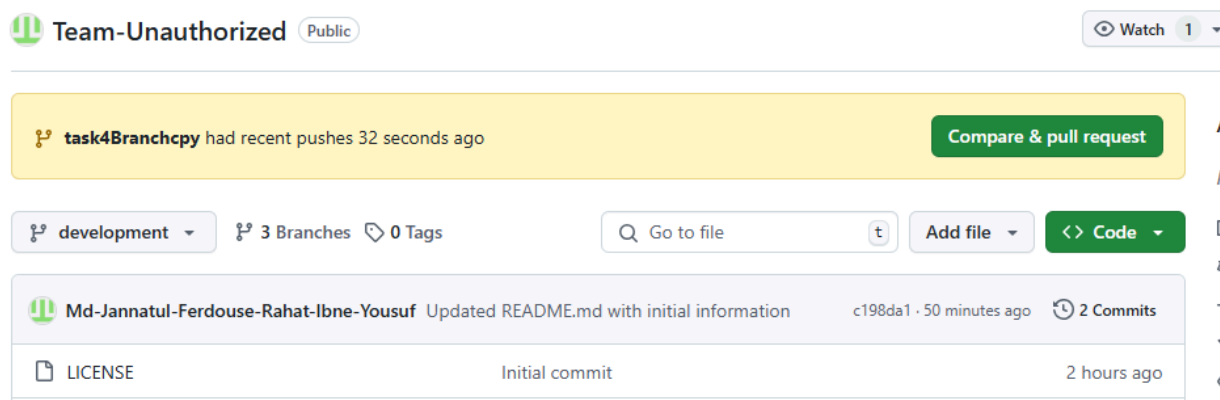
Now added the README.md file in the staging area. And continuing the cherry-pick. Now it's been resolved.

```

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'.

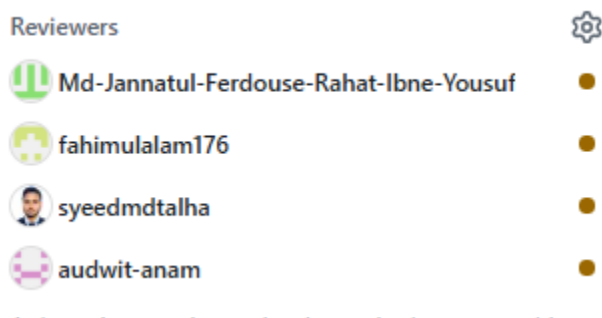
```

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



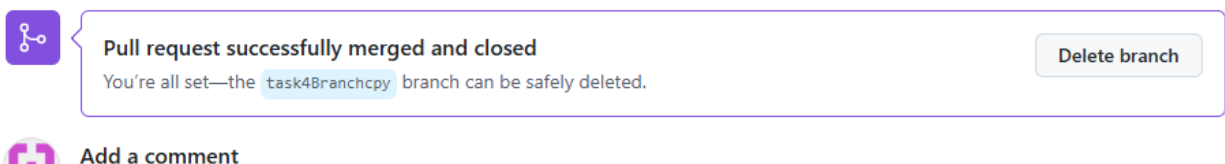
The screenshot shows the GitHub repository page for 'Team-Unauthorized', which is public. At the top, there's a yellow banner indicating that the 'task4Branchcpy' branch had recent pushes 32 seconds ago, with a 'Compare & pull request' button. Below this, the repository navigation bar shows 'development' as the selected branch, with 3 branches and 0 tags. A search bar and buttons for 'Add file' and '<> Code' are also visible. The commit history shows a recent commit by 'Md-Jannatul-Ferdouse-Rahat-Ibne-Yousuf' updating 'README.md' with initial information, committed 50 minutes ago with 2 commits. Below that, a file named 'LICENSE' is listed as an 'Initial commit' from 2 hours ago.

Pull request in github has been performed.



The screenshot shows the 'Reviewers' section of a GitHub pull request. It lists four reviewers: 'Md-Jannatul-Ferdouse-Rahat-Ibne-Yousuf', 'fahimulalam176', 'syeedmdtalha', and 'audwit-anam'. Each reviewer's name is preceded by their GitHub profile icon and followed by a brown dot, indicating they have been assigned as a reviewer. A gear icon for settings is located to the right of the reviewer list.

Added reviewers to review the code.



The screenshot shows a status message from GitHub: 'Pull request successfully merged and closed'. Below this, it says 'You're all set—the task4Branchcpy branch can be safely deleted.' There is a 'Delete branch' button on the right. Below the message, there is a section for 'Add a comment'.

Deleted the branch after merging successfully.

