

- Cloning the git repository using the ssh

```
MINGW64:/d/git and github exam
Administrator@DESKTOP-3N9TI6I MINGW64 /d/git and github exam
$ git clone git@github.com:mahfuj-jim/git-github-exam.git
```

- Creating a new branch from the main branch

```
Administrator@DESKTOP-3N9TI6I MINGW64 /d/git and github exam/git-github-exam (main)
$ git checkout -b pallab
```

- Creating a new file named pallab.md for my profile

```
Administrator@DESKTOP-3N9TI6I MINGW64 /d/git and github exam/git-github-exam (pallab)
$ touch pallab.md
```

- Adding all the file

```
Administrator@DESKTOP-3N9TI6I MINGW64 /d/git and github exam/git-github-exam (pallab)
$ git add .
```

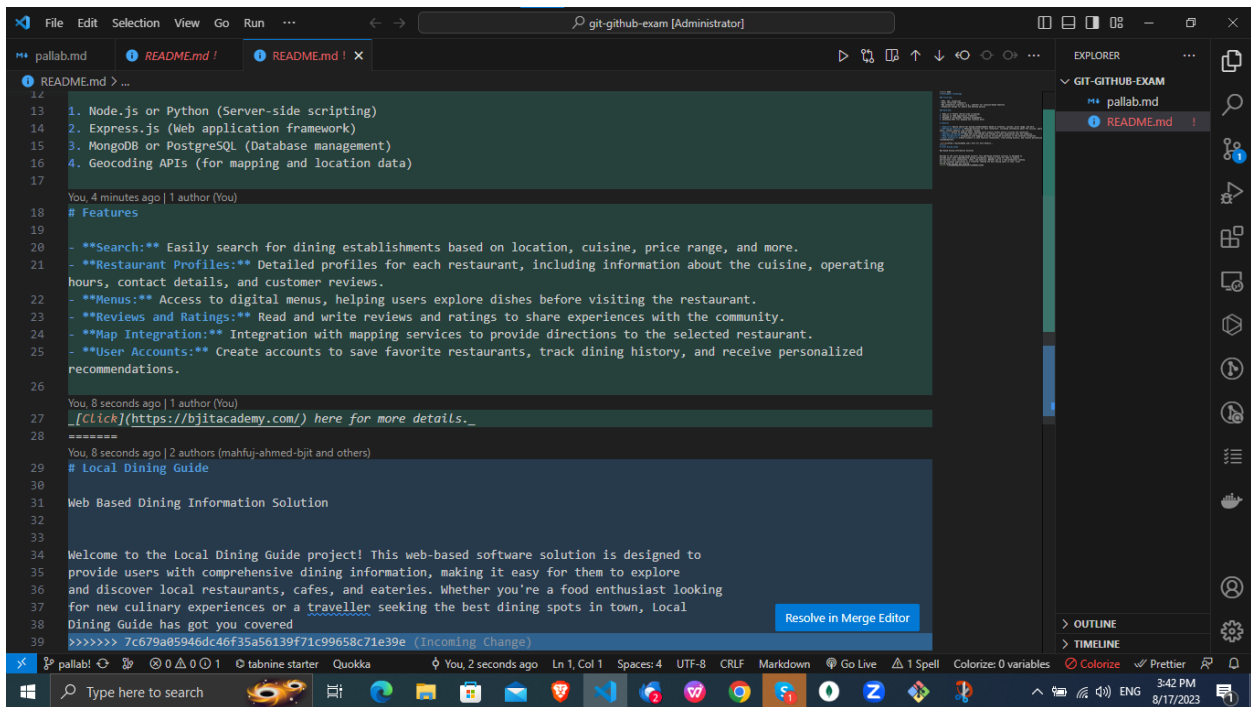
- Adding a commit

```
Amended Commit Message: [x] Amend Last Commit
Rescan I have edited the readme.md file and I have created a new file named pallab
Stage Changed I have modified the readme.md file with task 2.And added my profile markdown
Sign Off
Commit Refs#task-1
Push
```

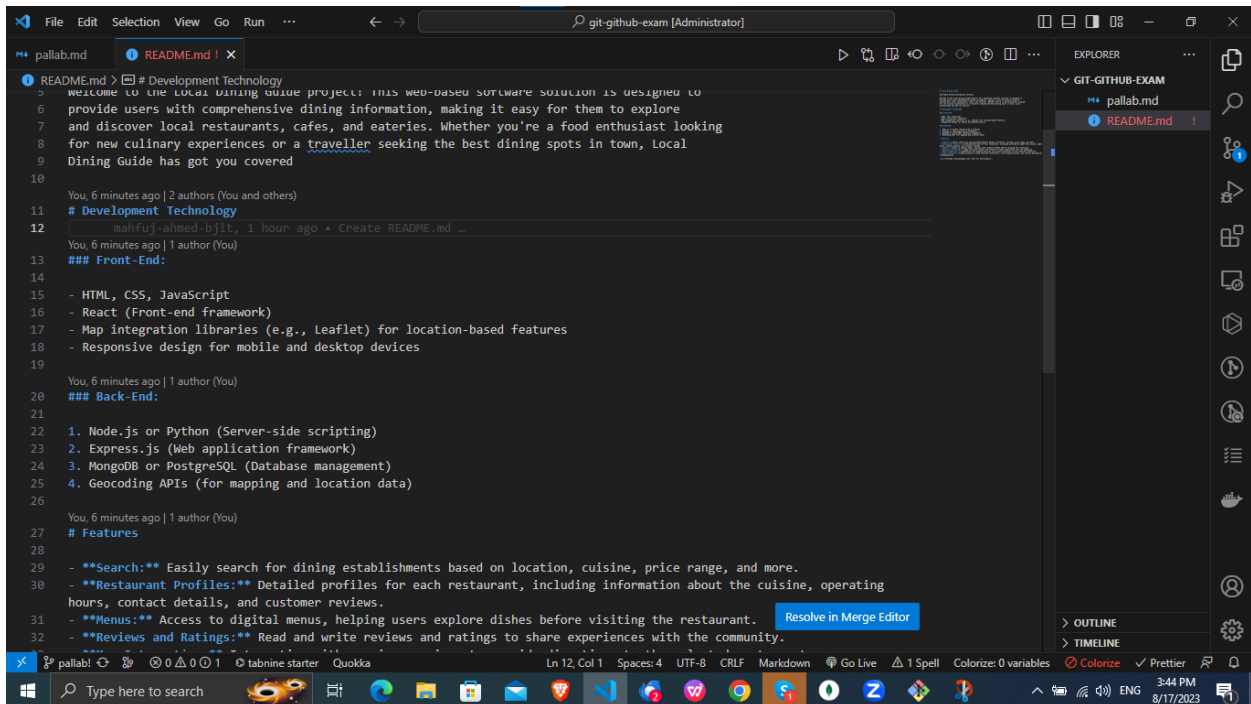
- Pulling the development branch while staying on the pallab branch

```
Administrator@DESKTOP-3N9TI6I MINGW64 /d/git and github exam/git-github-exam (pallab)
$ git pull origin development
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 900 bytes | 100.00 KiB/s, done.
From github.com:mahfuj-jim/git-github-exam
* branch      development -> FETCH_HEAD
* [new branch] development -> origin/development
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
```

- It's created a conflict with my branch



- Resolved the conflict



```
1 README.md > # Development Technology
2 > WELCOME TO THE LOCAL DINING GUIDE PROJECT! THIS WEB-BASED SOFTWARE SOLUTION IS DESIGNED TO
3 provide users with comprehensive dining information, making it easy for them to explore
4 and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking
5 for new culinary experiences or a traveller seeking the best dining spots in town, Local
6 Dining Guide has got you covered
7
8 You, 6 minutes ago | 2 authors (You and others)
9
10 # Development Technology
11 mahfuja-ahmed-b-jit, 1 hour ago • Create README.md ...
12 You, 6 minutes ago | 1 author (You)
13
14 ### Front-End:
15
16 - HTML, CSS, JavaScript
17 - React (Front-end framework)
18 - Map integration libraries (e.g., Leaflet) for location-based features
19 - Responsive design for mobile and desktop devices
20
21 You, 6 minutes ago | 1 author (You)
22
23 ### Back-End:
24
25 1. Node.js or Python (Server-side scripting)
26 2. Express.js (Web application framework)
27 3. MongoDB or PostgreSQL (Database management)
28 4. Geocoding APIs (for mapping and location data)
29
30 You, 6 minutes ago | 1 author (You)
31
32 # Features
33
34 - **Search:** Easily search for dining establishments based on location, cuisine, price range, and more.
35 - **Restaurant Profiles:** Detailed profiles for each restaurant, including information about the cuisine, operating
36 hours, contact details, and customer reviews.
37 - **Menus:** Access to digital menus, helping users explore dishes before visiting the restaurant.
38 - **Reviews and Ratings:** Read and write reviews and ratings to share experiences with the community.
```

- After resolving the conflicts again adding and committing the file

```
Administrator@DESKTOP-3N9TI6I MSYS /d/git and github exam/git-github-exam (pallab|MERGING)
$ git add .

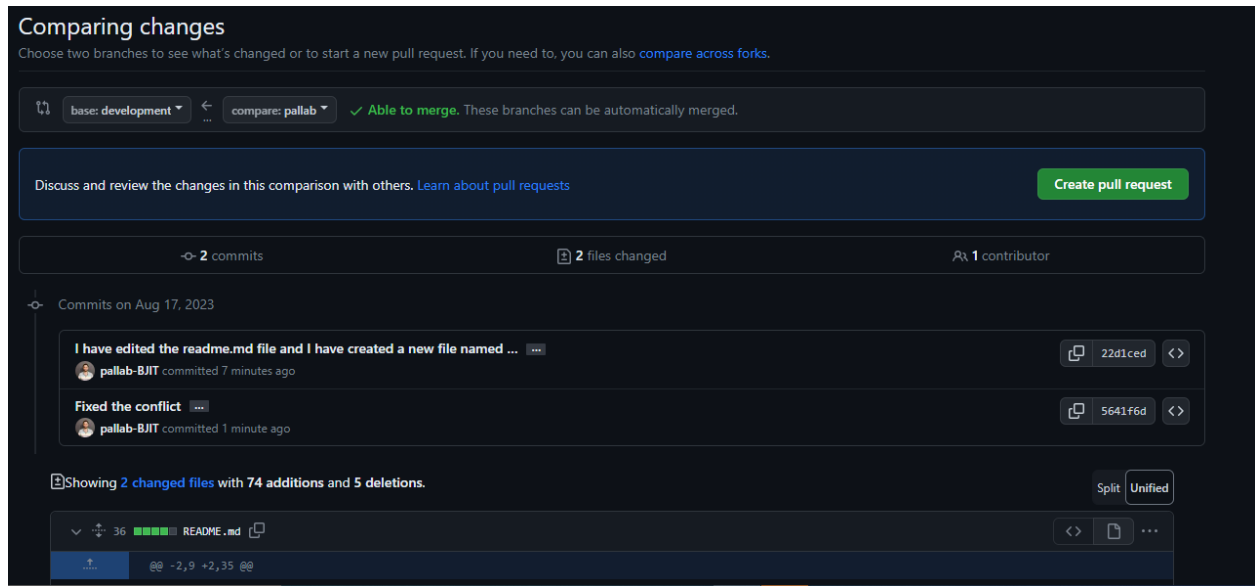
Administrator@DESKTOP-3N9TI6I MSYS /d/git and github exam/git-github-exam (pallab|MERGING)
$ git commit -m "Fixed the conflict" -m "fixed the commit locally"
[pallab 5641f6d] Fixed the conflict

Administrator@DESKTOP-3N9TI6I MSYS /d/git and github exam/git-github-exam (pallab)
$
```

- Pushing all the updates to the pallab branch

```
Administrator@DESKTOP-3N9TI6I MSYS /d/git and github exam/git-github-exam (pallab)
$ git push origin pallab
```

- **Creating pull request with the development branch**



- **Successfully merged with the development branch by team leader and deleted the branch**

