

Md. Janay Alam

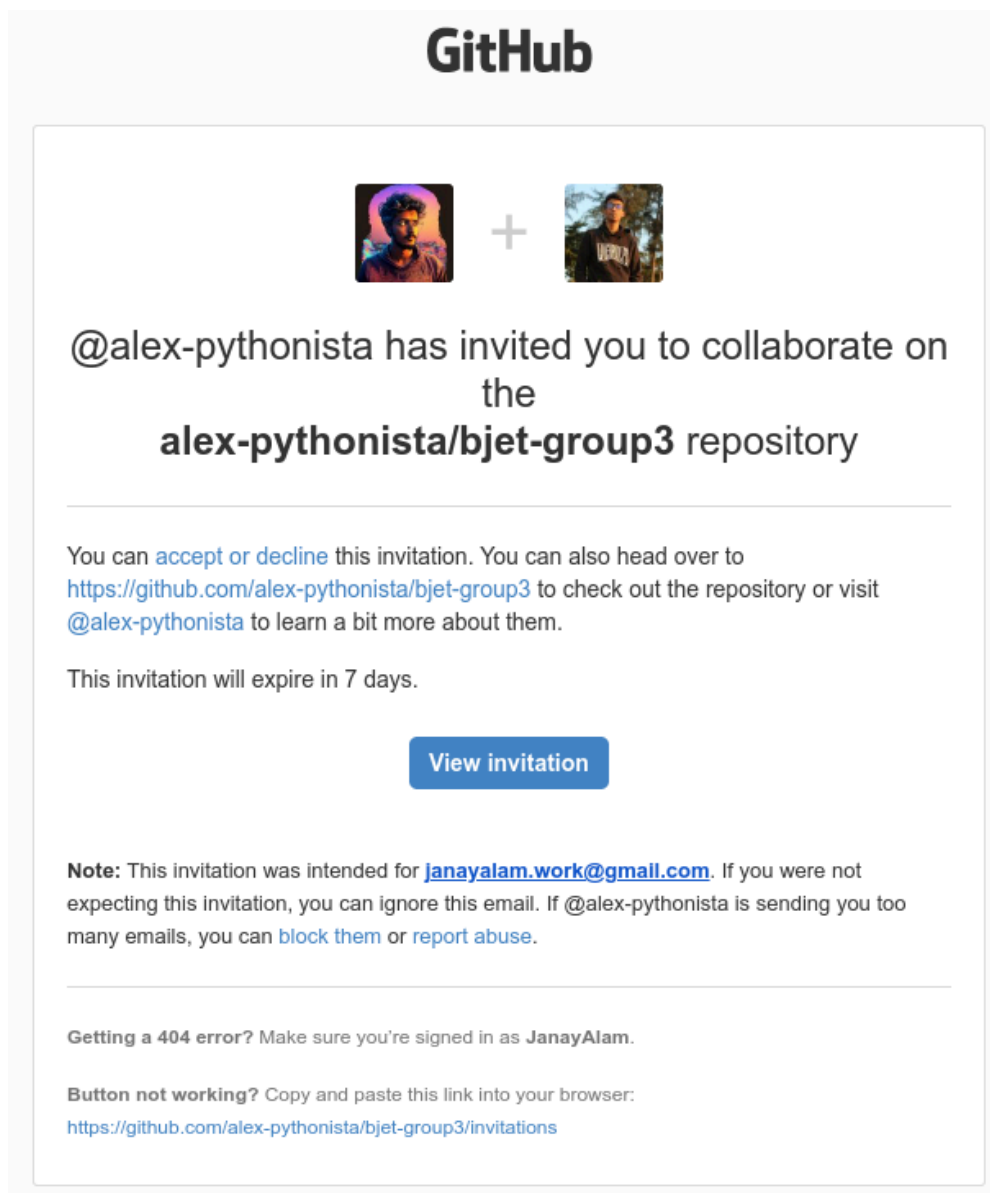
Git & GitHub Practice Examination

B-Jet 13th Batch

ID: 20

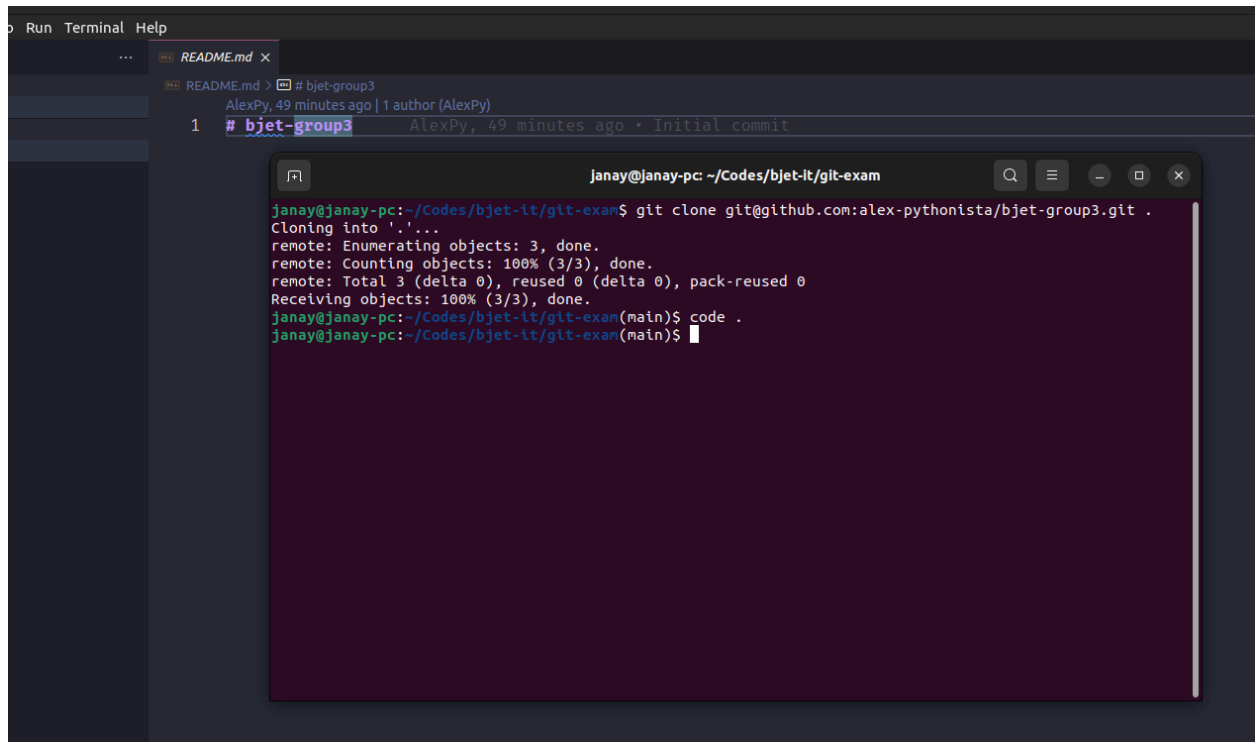
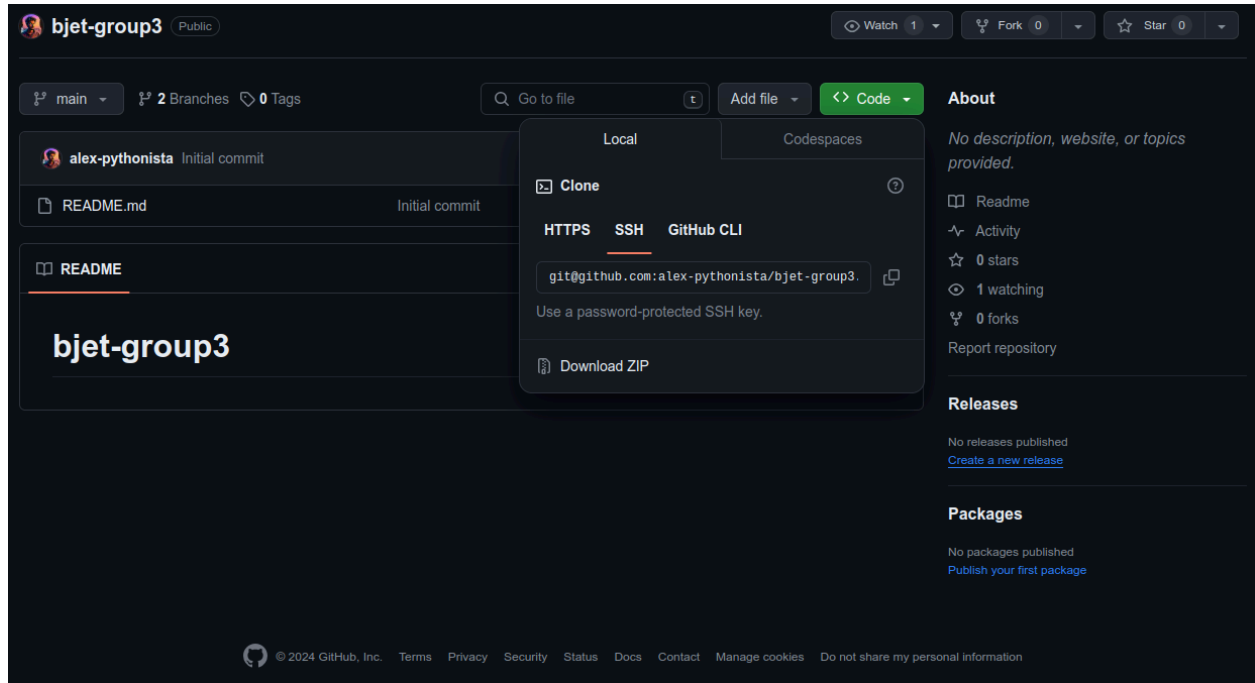
Accepting the Invitation

I received the invitation to become a contributor to the repository from 'alex-pythonista'. I accepted the invitation.



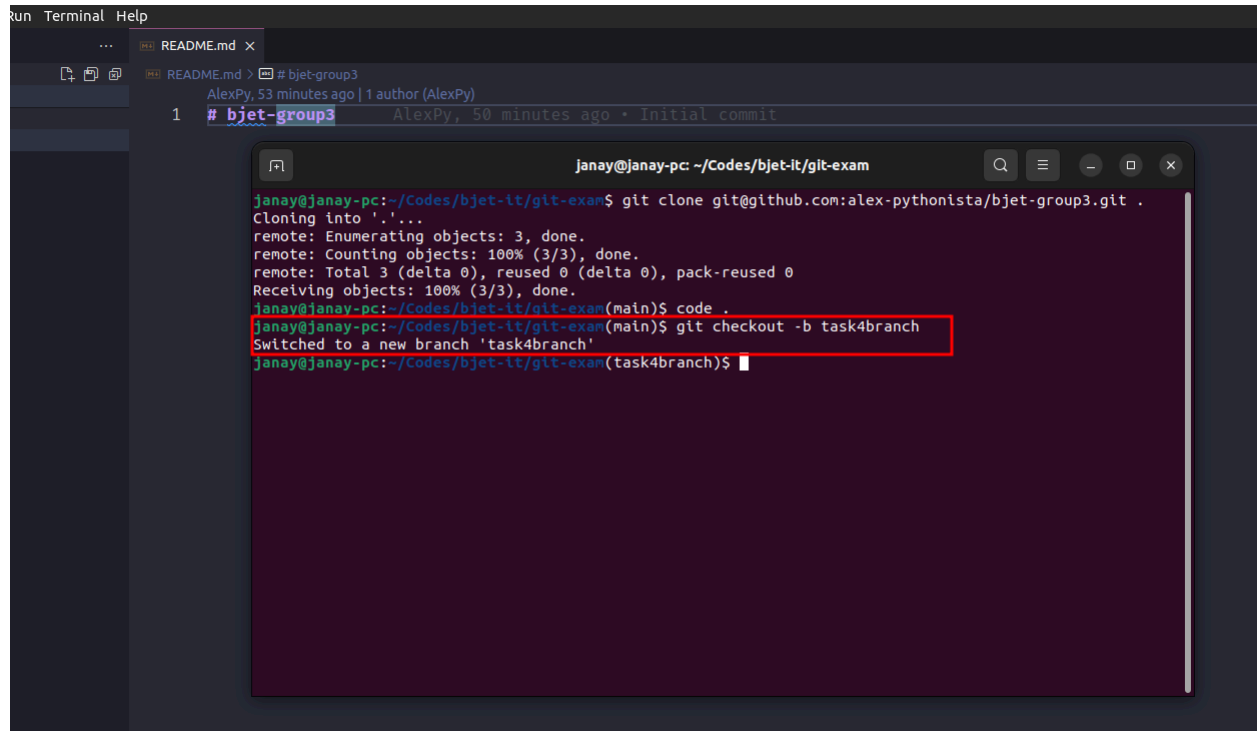
Cloning the Repository

Cloning the repository to my local machine.



I cloned the repository into a folder. `` commanding that the repository be cloned into the current folder. It will not create another folder.

Create a new branch and `checkout` into this.



The screenshot shows a terminal window with the following content:

```
Run Terminal Help
... README.md x
... README.md > # bjet-group3
AlexPy, 53 minutes ago | 1 author (AlexPy)
1 # bjet-group3 AlexPy, 50 minutes ago · Initial commit
```

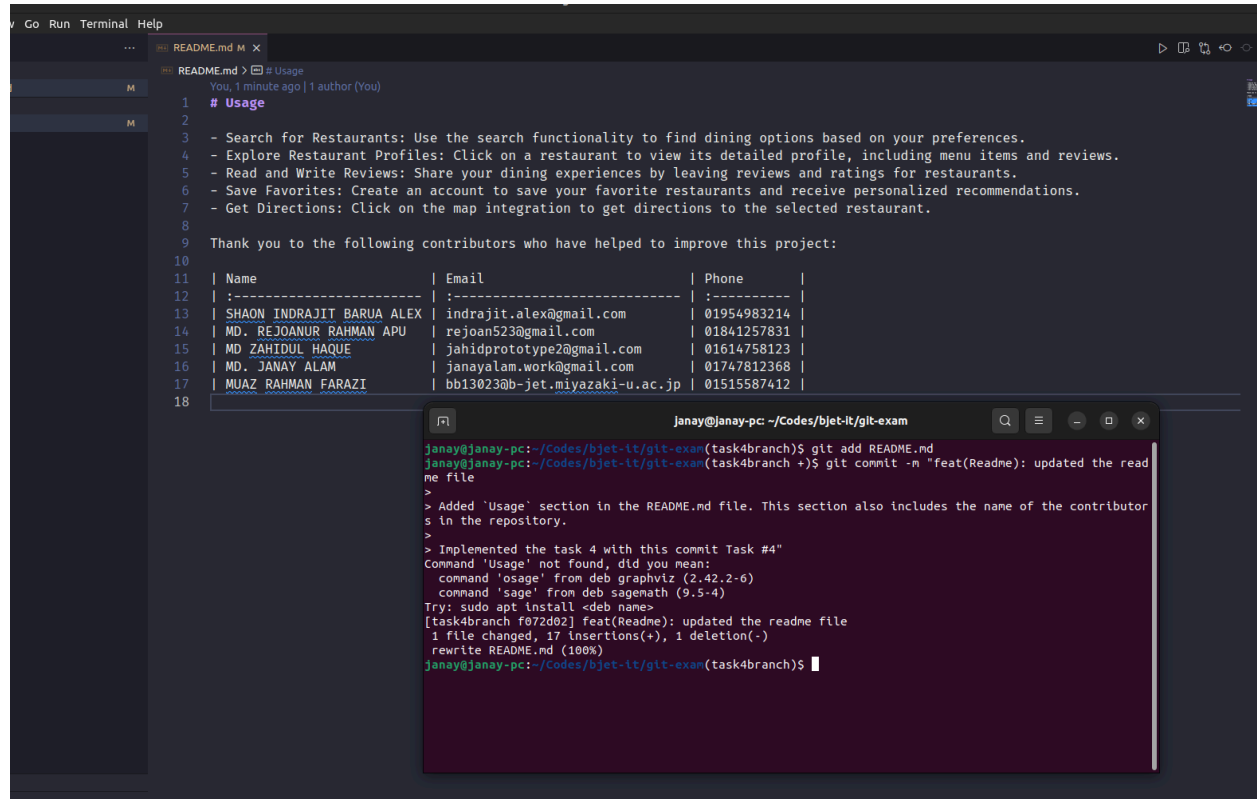
Below the terminal window is a code editor window titled "janay@janay-pc: ~/Codes/bjet-it/git-exam". The code editor shows the following commands and output:

```
janay@janay-pc:~/Codes/bjet-it/git-exam$ git clone git@github.com:alex-pythonista/bjet-group3.git .
Cloning into '.'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
janay@janay-pc:~/Codes/bjet-it/git-exam(main)$ code .
janay@janay-pc:~/Codes/bjet-it/git-exam(main)$ git checkout -b task4branch
Switched to a new branch 'task4branch'
janay@janay-pc:~/Codes/bjet-it/git-exam(task4branch)$
```

The command `git checkout -b task4branch` and its output `Switched to a new branch 'task4branch'` are highlighted with a red box.

Commit

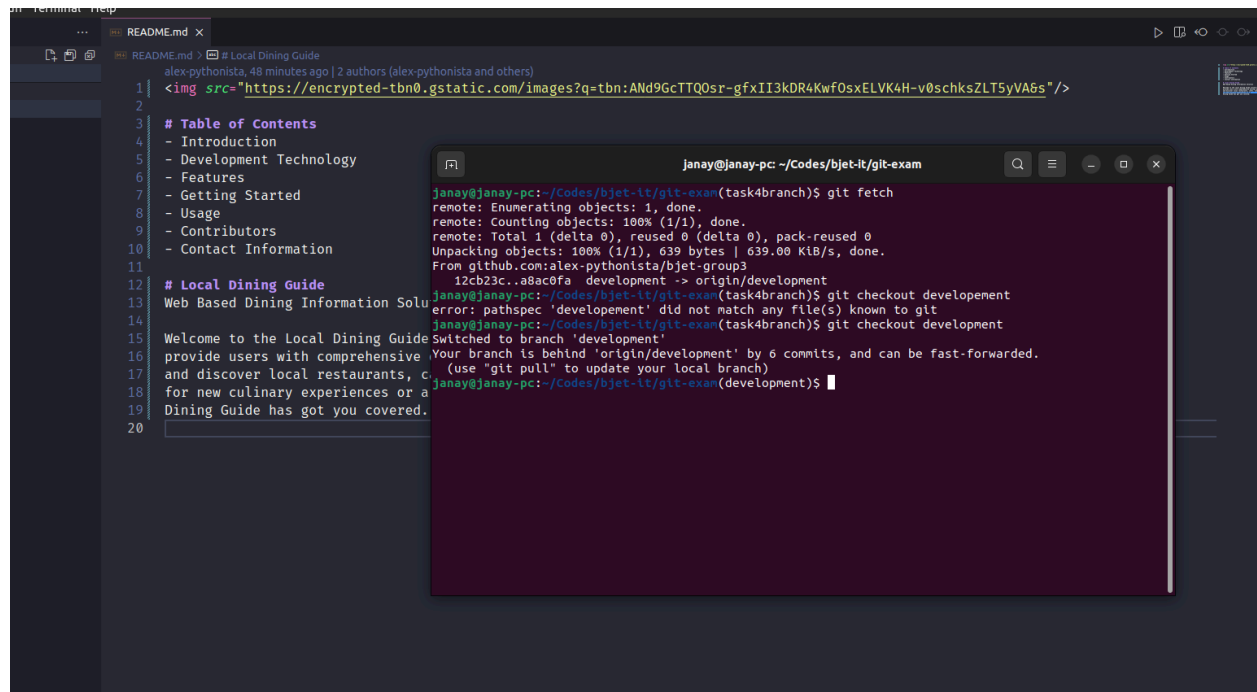
Committing the changes with a proper commit message.



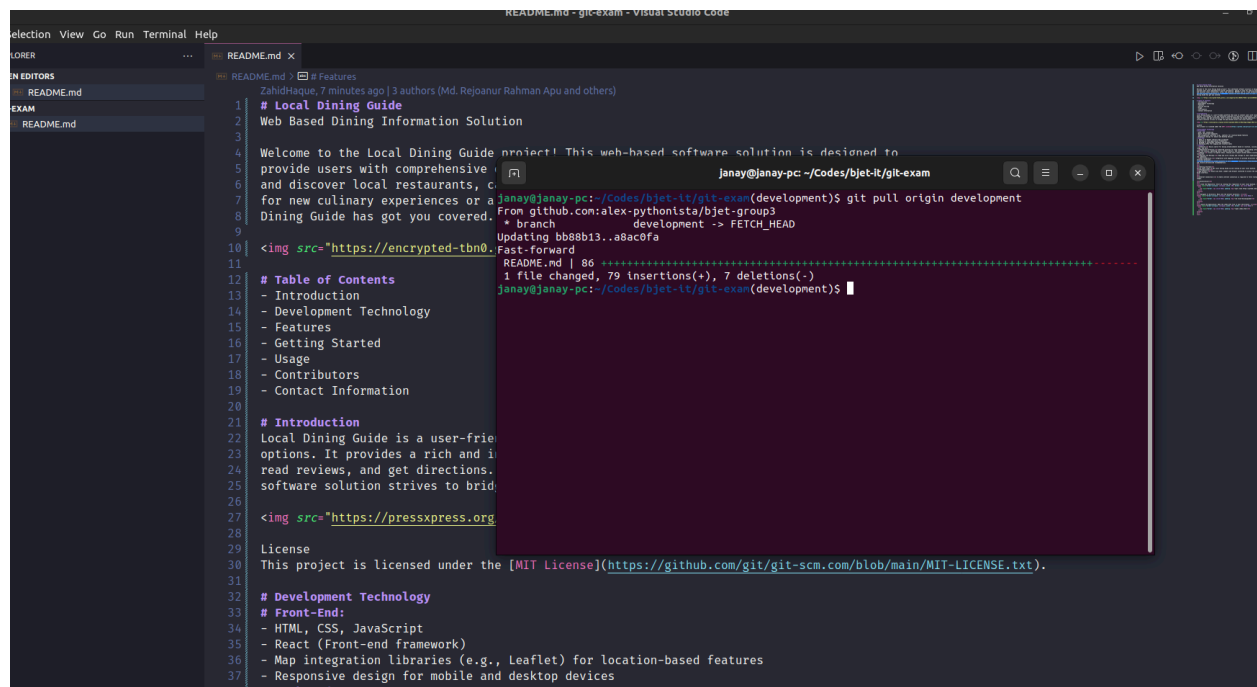
The screenshot shows a code editor with a file named `README.md` open. The file content includes a section titled `# Usage` with four bullet points:
- Search for Restaurants: Use the search functionality to find dining options based on your preferences.
- Explore Restaurant Profiles: Click on a restaurant to view its detailed profile, including menu items and reviews.
- Read and Write Reviews: Share your dining experiences by leaving reviews and ratings for restaurants.
- Save Favorites: Create an account to save your favorite restaurants and receive personalized recommendations.
- Get Directions: Click on the map integration to get directions to the selected restaurant.
Below the usage section, there is a thank you message to contributors and a table listing their names, emails, and phone numbers.
The table has three columns: Name, Email, and Phone. The rows are:
1. SHAON INDRAJIT BARUA ALEX, indrajit.alex@gmail.com, 01954983214
2. MD. REJOANUR RAHMAN APU, rejoan523@gmail.com, 01841257831
3. MD. ZAHIDUL HAQUE, jahidprototype2@gmail.com, 01614758123
4. MD. JANAY ALAM, janayalam.work@gmail.com, 01747812368
5. MUAZ RAHMAN FARAZI, bb13023@b-jet.miyazaki-u.ac.jp, 01515587412
An inset terminal window shows the following commands and output:
janay@janay-pc:~/Codes/bjet-lt/git-exam(task4branch)\$ git add README.md
janay@janay-pc:~/Codes/bjet-lt/git-exam(task4branch +)\$ git commit -m "feat(Readme): updated the readme file"
>
> Added 'Usage' section in the README.md file. This section also includes the name of the contributors in the repository.
>
> Implemented the task 4 with this commit Task #4"
Command 'Usage' not found, did you mean:
 command 'usage' from deb graphviz (2.42.2-6)
 command 'sage' from deb sagenath (9.5-4)
Try: sudo apt install <deb name>
[task4branch f072d02] feat(Readme): updated the readme file
1 file changed, 17 insertions(+), 1 deletion(-)
rewrite README.md (100%)
janay@janay-pc:~/Codes/bjet-lt/git-exam(task4branch)\$

Fetching & Pulling the Development Branch

Fetching the git repository. After fetching, checkout to the development branch and pull the latest codes.



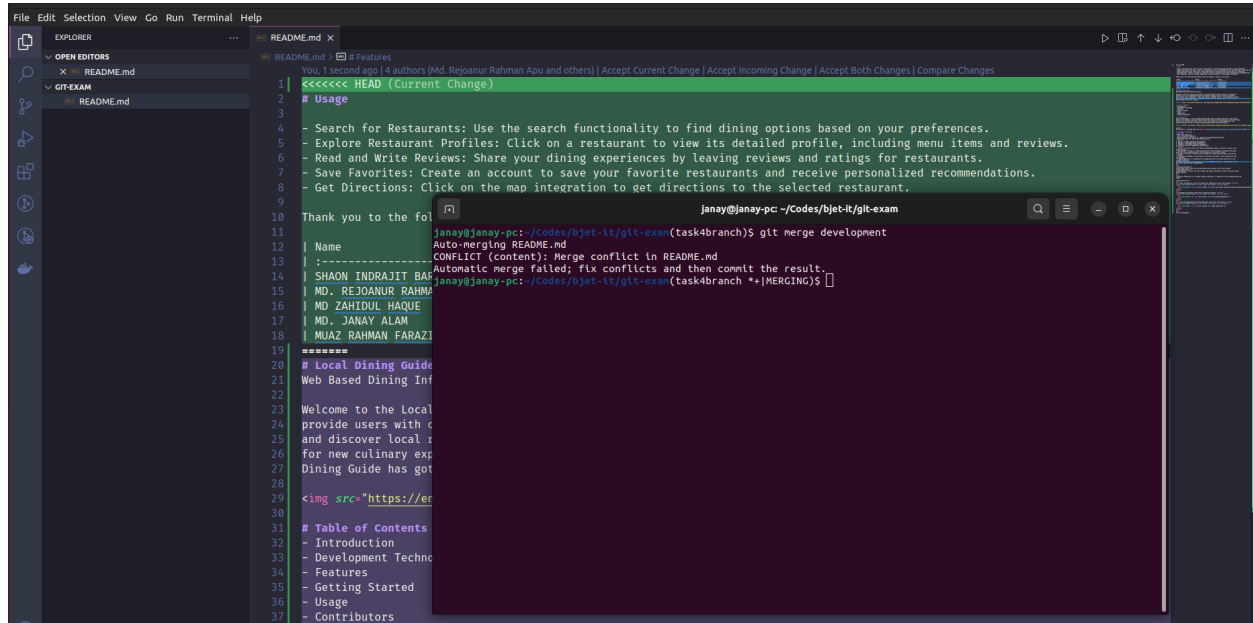
```
janay@janay-pc: ~/Codes/bjet-ll/git-exam
janay@janay-pc:~/Codes/bjet-ll/git-exam(task4branch)$ git fetch
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 639 bytes | 639.00 KiB/s, done.
From github.com:alex-pythonista/bjet-group3
   12cb23c..a8ac0fa  development -> origin/development
janay@janay-pc:~/Codes/bjet-ll/git-exam(task4branch)$ git checkout development
error: pathspec 'development' did not match any file(s) known to git
janay@janay-pc:~/Codes/bjet-ll/git-exam(task4branch)$ git checkout development
Switched to branch 'development'
Your branch is behind 'origin/development' by 6 commits, and can be fast-forwarded.
(use "git pull" to update your local branch)
janay@janay-pc:~/Codes/bjet-ll/git-exam(development)$
```



```
janay@janay-pc:~/Codes/bjet-ll/git-exam(development)$ git pull origin development
From github.com:alex-pythonista/bjet-group3
   * branch      development -> FETCH_HEAD
   Updating bb88b13..a8ac0fa
   Fast-forward
   README.md | 86 ++++++
   1 file changed, 79 insertions(+), 7 deletions(-)
janay@janay-pc:~/Codes/bjet-ll/git-exam(development)$
```

Merge the Development Branch to Task4Branch

After pulling the development branch, I checkout'ed to the `task4branch`. Then I executed the merge command. This led to a merge conflict which I had to resolve.



```
File Edit Selection View Go Run Terminal Help
EXPLORER
  README.md
  GIT-EXAM
  README.md
OPEN EDITORS
  README.md
  GIT-EXAM
  README.md
README.md
1 <----- HEAD (Current Change)
2 # Usage
3
4 - Search for Restaurants: Use the search functionality to find dining options based on your preferences.
5 - Explore Restaurant Profiles: Click on a restaurant to view its detailed profile, including menu items and reviews.
6 - Read and Write Reviews: Share your dining experiences by leaving reviews and ratings for restaurants.
7 - Save Favorites: Create an account to save your favorite restaurants and receive personalized recommendations.
8 - Get Directions: Click on the map integration to get directions to the selected restaurant.
9
10 Thank you to the fol
11
12 | Name
13 | :-----
14 | SHAON INDRAJIT BAR
15 | MD. REJOANUR RAHMA
16 | MD. ZAHIDUL HAQUE
17 | MD. JANAY ALAM
18 | MUJAZ RAHMAN FARAZI
19
20 # Local Dining Guide
21 Web Based Dining Inf
22
23 Welcome to the Local
24 provide users with c
25 and discover local r
26 for new culinary exp
27 Dining Guide has got
28
29 
88 <tr>
89 <td style="border: 1px solid #ddd; padding: 8px;">cd local-dining-guide</td>
90 </tr>
91 </table>
92 <br>
93 <li> Launch the Appl
94 <table style="border
95 <tr>
96 <td style="border
97 </tr>
98 </table>
99 <br>
100 </ol>
101
102 # Usage
103
104 - Search for Restaur
105 - Explore Restaurant
106 - Read and Write Rev
107 - Save Favorites: Cr
108 - Get Directions: Cl
109
110 Thank you to the fol
111
112 | Name
113 | :-----
114 | SHAON INDRAJIT BAR
115 | MD. REJOANUR RAHMA
116 | MD. ZAHIDUL HAQUE
117 | MD. JANAY ALAM
118 | MUJAZ RAHMAN FARAZI
119
```

I pushed the local branch to the remote repository by executing the following command.

```
`git push -u origin task4branch`
```

Create Pull Request

After pushing my local branch I created a pull request to the development branch. I requested 'ZahidHaque' to review my code.

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#) or [learn more about diff comparisons](#).

base: development ← compare: task4branch ✓ Able to merge. These branches can be automatically merged.

Add a title

Task4branch

Add a description

Write Preview

Added usage

Markdown is supported Paste, drop, or click to add files

Reviewers

ZahidHaque

Suggestions

Rejoan2020 Request

alex-pythonista Request

At least 1 approving review is required to merge this pull request.

Assignees

JanayAlam

Labels

documentation

Projects

None yet

Milestone

No milestone

Create pull request

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

Git Log (Task4Branch)

```
janay@janay-pc:~/Codes/bjet-it/git-exam(task4branch)$ git log --oneline
291ccc1 (HEAD -> task4branch, origin/task4branch) merge: merged the development branch with the task4branch
a8ac0fa (development) Merge pull request #3 from alex-pythonista/task3branch
3f6c2f6 (origin/task3branch) Zahidul Haque changes3
52d92f2 Zahidul Haque changes2
12cb23c Merge pull request #2 from alex-pythonista/task2branch
350a54b conflict resolved
f072d02 feat(Readme): updated the readme file
c1992be feature: task2 added
bb88b13 Merge pull request #1 from alex-pythonista/task1branch
83f1915 (origin/task1branch) merged with development branch
f78afd5 readme file updated for task1
ef57a38 Update README.md
f90ec13 (origin/main, origin/HEAD, main) Initial commit
janay@janay-pc:~/Codes/bjet-it/git-exam(task4branch)$
```

Reviewing a Pull Request

I was assigned to review the team leader's pull request. Then I reviewed the pull request and approved the Pull Request.

