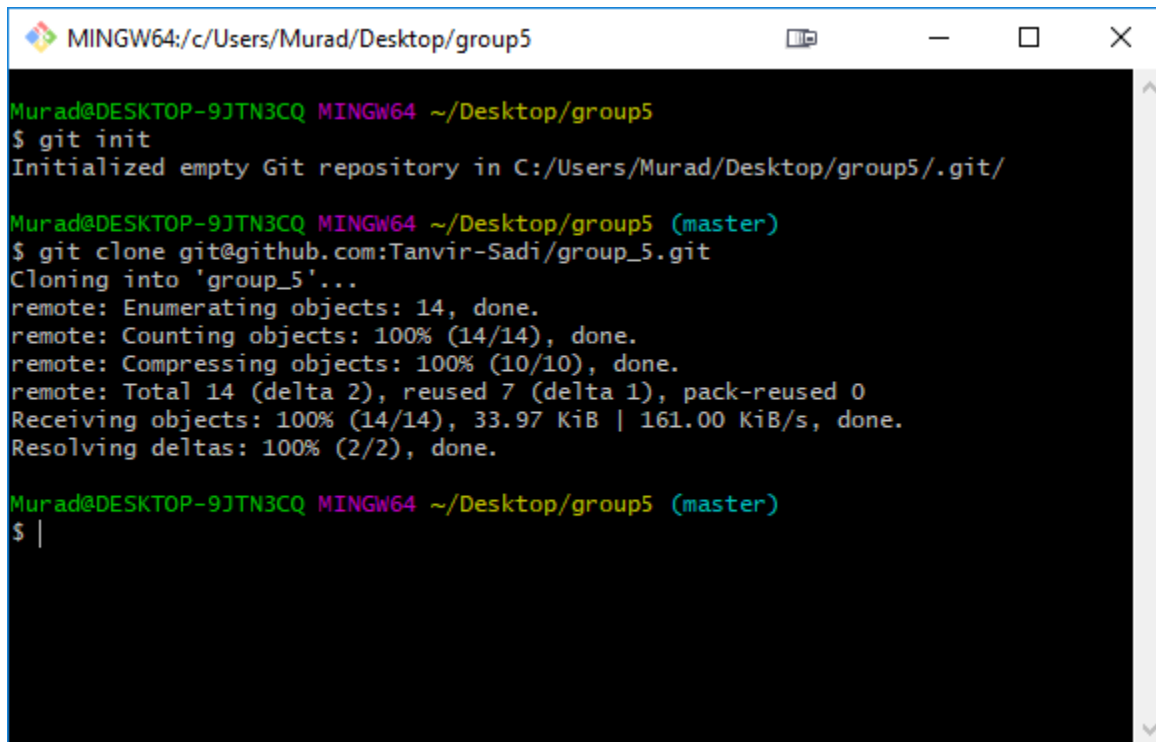


1 Git Initialization and Clone Origin:



```
MINGW64:/c/Users/Murad/Desktop/group5
Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/group5
$ git init
Initialized empty Git repository in C:/Users/Murad/Desktop/group5/.git/

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/group5 (master)
$ git clone git@github.com:Tanvir-Sadi/group_5.git
Cloning into 'group_5'...
remote: Enumerating objects: 14, done.
remote: Counting objects: 100% (14/14), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 14 (delta 2), reused 7 (delta 1), pack-reused 0
Receiving objects: 100% (14/14), 33.97 KiB | 161.00 KiB/s, done.
Resolving deltas: 100% (2/2), done.

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/group5 (master)
$ |
```

2 Creating Local Branch:

```
MINGW64:/c/Users/Murad/Desktop/Group 5/group_5
Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5 (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    group_5/
    readme.txt

nothing added to commit but untracked files present (use "git add" to track)

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5 (master)
$ git branch -a

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5 (master)
$ git branch -r

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5 (master)
$ cd group5
bash: cd: group5: No such file or directory

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5 (master)
$ cd group_5/

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (main)
$ git branch -a
* main
  remotes/origin/HEAD -> origin/main
  remotes/origin/development
  remotes/origin/main

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (main)
$ git pull origin development
From github.com:Tanvir-Sadi/group_5
 * branch                development -> FETCH_HEAD
Already up to date.

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (main)
$ git branch -a
* main
  remotes/origin/HEAD -> origin/main
  remotes/origin/development
  remotes/origin/main

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (main)
$ git checkout development
Switched to a new branch 'development'
Branch 'development' set up to track remote branch 'development' from 'origin'.

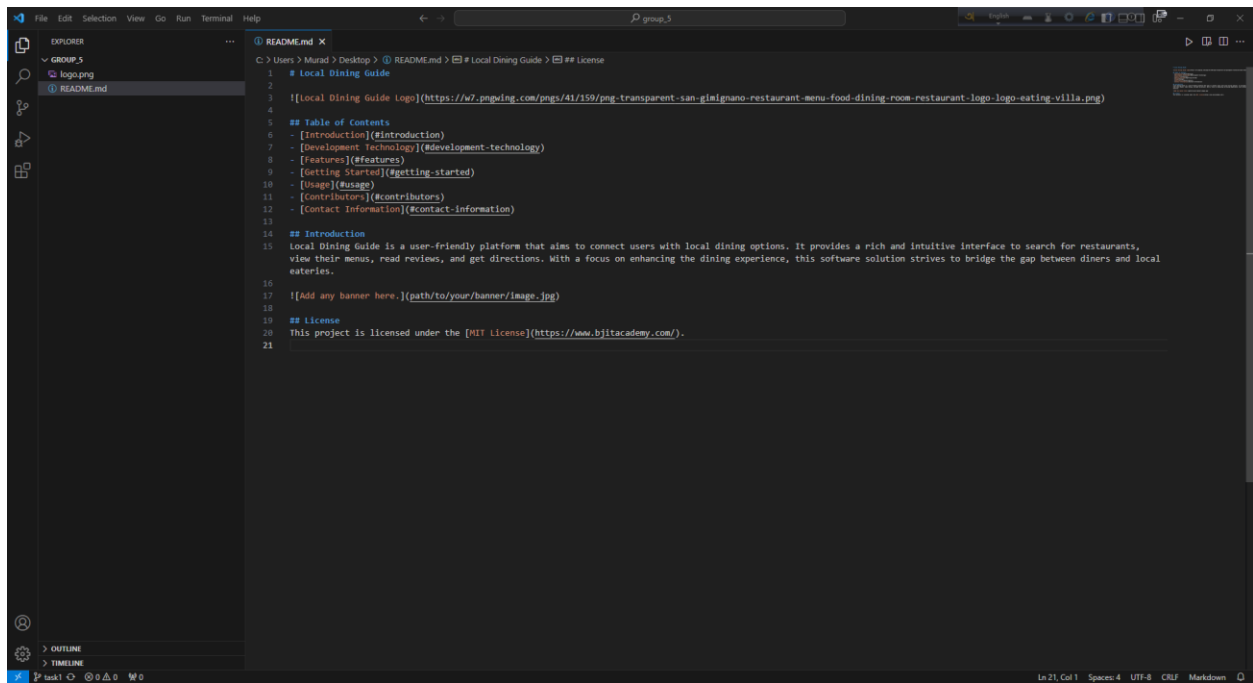
Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (development)
$ git branch
* development
  main

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (development)
$ git checkout -b task1
Switched to a new branch 'task1'

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git branch -a
  development
  main
* task1
  remotes/origin/HEAD -> origin/main
  remotes/origin/development
  remotes/origin/main

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ |
```

3 Editing Readme File:



```
1 # Local Dining Guide
2
3 ![Local Dining Guide Logo](https://w7.pngwing.com/pngs/41/159/png-transparent-san-giuliano-restaurant-menu-food-dining-room-restaurant-logo-logo-eating-villa.png)
4
5 ## Table of Contents
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14 ## Introduction
15 Local Dining Guide is a user-friendly platform that aims to connect users with local dining options. It provides a rich and intuitive interface to search for restaurants,
16 view their menus, read reviews, and get directions. With a focus on enhancing the dining experience, this software solution strives to bridge the gap between diners and local
17 eateries.
18
19 ![Add any banner here.](path/to/your/banner/image.jpg)
20
21 ## License
22 This project is licensed under the [MIT License](https://www.bjitacademy.com/).
```

4 Git Add, Commit:

```
MINGW64:/c/Users/Murad/Desktop/Group 5/group_5
Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git status
On branch task1
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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        logo.png

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

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git add .

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git status
On branch task1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md
        new file:   logo.png

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git commit -m "Task1 first commit."
[task1 fa920bb] Task1 first commit.
2 files changed, 34 insertions(+), 2 deletions(-)
rewrite README.md (100%)
create mode 100644 logo.png

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ |
```

5 Merge and Conflict Warning:

```
MINGW64:/c/Users/Murad/Desktop/Group 5/group_5

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git commit --amend -m "Feat (First): implement first tast. Refs. #task1"
[task1 fcd4bba] Feat (First): implement first tast. Refs. #task1
Date: Tue Jan 9 11:10:18 2024 +0600
2 files changed, 20 insertions(+), 2 deletions(-)
rewrite README.md (100%)
create mode 100644 logo.png

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git branch
  development
  main
* task1

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git fetch origin
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), done.
From github.com:Tanvir-Sadi/group_5
   488edb9..fd08ff3  development -> origin/development

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$

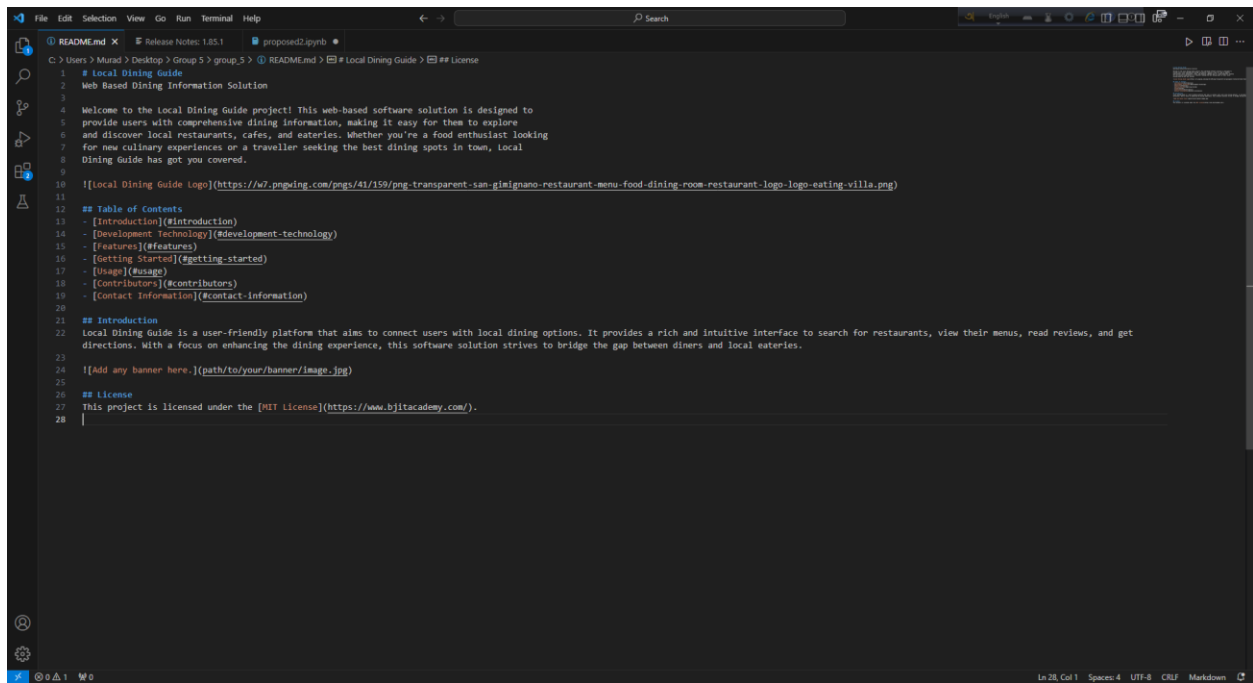
Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git status
On branch task1
nothing to commit, working tree clean

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git merge origin/development
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1|MERGING)
$ |
```

6 Resolving Conflict:



The screenshot shows a Visual Studio Code editor window with a file named `README.md` open. The editor is displaying a conflict resolution interface. The main text area shows the content of the file, which is a README for a project called "Local Dining Guide". The text includes a welcome message, a table of contents, and an introduction. The editor has a dark theme and a sidebar on the left with icons for Explorer, Search, and Run and Debug. The status bar at the bottom indicates the file is at line 28, column 1, with a UTF-8 encoding and CRLF line endings.

```
1  # Local Dining Guide
2  Web Based Dining Information Solution
3
4  Welcome to the Local Dining Guide project! This web-based software solution is designed to
5  provide users with comprehensive dining information, making it easy for them to explore
6  and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking
7  for new culinary experiences or a traveller seeking the best dining spots in town, Local
8  Dining Guide has got you covered.
9
10 ![[local Dining Guide logo|(https://w7.pngwing.com/pngs/41/159/png-transparent-sam-gleignano-restaurant-menu-food-dining-room-restaurant-logo-logo-eating-villa.png)]
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23 directions. With a focus on enhancing the dining experience, this software solution strives to bridge the gap between diners and local eateries.
24
25 ![[Add any banner here.]](path/to/your/banner/image.jpg)
26
27 ## License
28 This project is licensed under the [MIT License](https://www.bjttacademy.com/).
```

7 Pushing Into Origin Branch:

```
MINGW64:/c/Users/Murad/Desktop/Group 5/group_5
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   README.md

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

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1|MERGING)
$ git add .

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1|MERGING)
$ git commit -m "feat(First): Conflict resolve.\nRefs: #task1"
[task1 60efa07] feat(First): Conflict resolve.\nRefs: #task1

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git status
On branch task1
nothing to commit, working tree clean

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git merge --continue
fatal: There is no merge in progress (MERGE_HEAD missing).

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git merge
fatal: No remote for the current branch.

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git push origin development
To github.com:Tanvir-Sadi/group_5.git
 ! [rejected]        development -> development (non-fast-forward)
error: failed to push some refs to 'git@github.com:Tanvir-Sadi/group_5.git'
hint: Updates were rejected because a pushed branch tip is behind its remote
hint: counterpart. Check out this branch and integrate the remote changes
hint: (e.g. 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git push origin
fatal: The current branch task1 has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin task1

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git push origin feature_branch:task1
error: src refspec feature_branch does not match any
error: failed to push some refs to 'git@github.com:Tanvir-Sadi/group_5.git'

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ git push --set-upstream origin task1
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 32.14 KiB | 6.43 MiB/s, done.
Total 7 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'task1' on GitHub by visiting:
remote:   https://github.com/Tanvir-Sadi/group_5/pull/new/task1
remote:
To github.com:Tanvir-Sadi/group_5.git
 * [new branch]      task1 -> task1
Branch 'task1' set up to track remote branch 'task1' from 'origin'.

Murad@DESKTOP-9JTN3CQ MINGW64 ~/Desktop/Group 5/group_5 (task1)
$ |
```