

GITHUB TASK

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(AI)

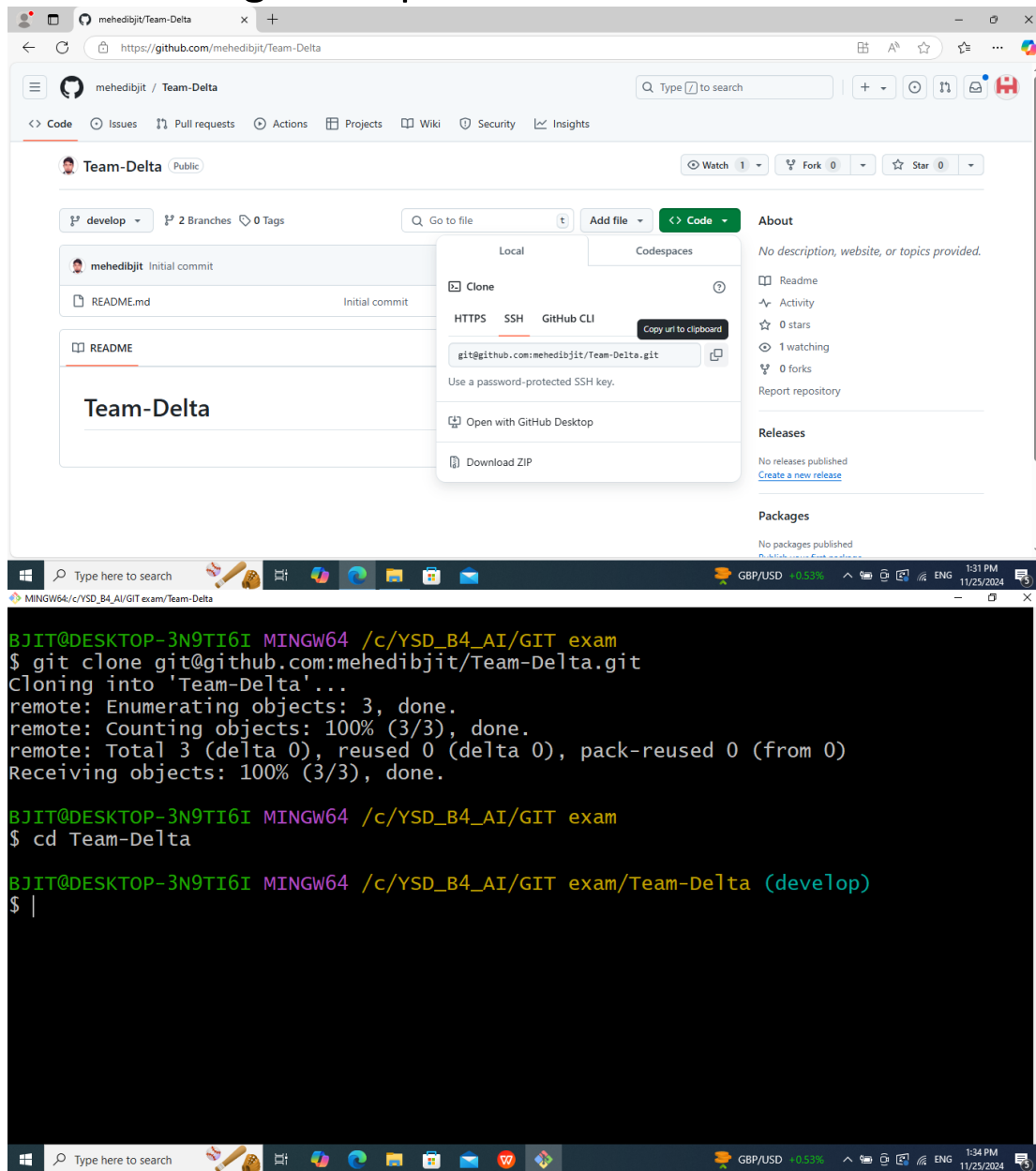
First state of repo:

The image displays two screenshots of a GitHub repository named "Team-Delta" by user "mehedibjit".

Top Screenshot: Shows the repository's initial state. The "Code" tab is selected. It features a commit history table with one entry: "Initial commit" by "mehedibjit" 1 hour ago, with commit hash "1eb4731". Below the table, a "README" file is shown with the title "Team-Delta". The right sidebar contains repository statistics: 1 Watch, 0 Forks, and 0 Stars. It also includes links for "About", "Readme", "Activity", "Stars", "Watching", "Forks", "Report repository", "Releases", and "Packages".

Bottom Screenshot: Shows the same repository page, but with a "Switch branches/tags" dialog box open. The dialog has a search bar "Find or create a branch..." and two tabs: "Branches" and "Tags". Under the "Branches" tab, "develop" is selected with a checkmark, and "main" is listed as the "default" branch. A "View all branches" link is at the bottom of the dialog.

Then cloning the repo:



The screenshot shows a GitHub repository page for 'Team-Delta' by user 'mehedibjit'. The repository is public and has 2 branches and 0 tags. The 'Code' button is highlighted, and a dropdown menu is open showing options to clone the repository. The 'SSH' tab is selected, and the SSH URL 'git@github.com:mehedibjit/Team-Delta.git' is displayed. The terminal window below shows the command to clone the repository and the subsequent directory change.

GitHub repository page for **Team-Delta** by **mehedibjit**. The repository is public and has 2 branches and 0 tags. The 'Code' button is highlighted, and a dropdown menu is open showing options to clone the repository. The 'SSH' tab is selected, and the SSH URL `git@github.com:mehedibjit/Team-Delta.git` is displayed. The terminal window below shows the command to clone the repository and the subsequent directory change.

```
BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam
$ git clone git@github.com:mehedibjit/Team-Delta.git
Cloning into 'Team-Delta'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam
$ cd Team-Delta

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ |
```

Then pulling from the develop branch:

```
MINGW64/c/YSD_B4_AI/GIT exam/Team-Delta
$ git clone git@github.com:mehedibjit/Team-Delta.git
Cloning into 'Team-Delta'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam
$ cd Team-Delta

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git remote -v
origin  git@github.com:mehedibjit/Team-Delta.git (fetch)
origin  git@github.com:mehedibjit/Team-Delta.git (push)

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git pull origin develop
From github.com:mehedibjit/Team-Delta
* branch          develop    -> FETCH_HEAD
Already up to date.

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ |
```

Created new branch for self-work:

```
MINGW64/c/YSD_B4_AI/GIT exam/Team-Delta
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam
$ cd Team-Delta

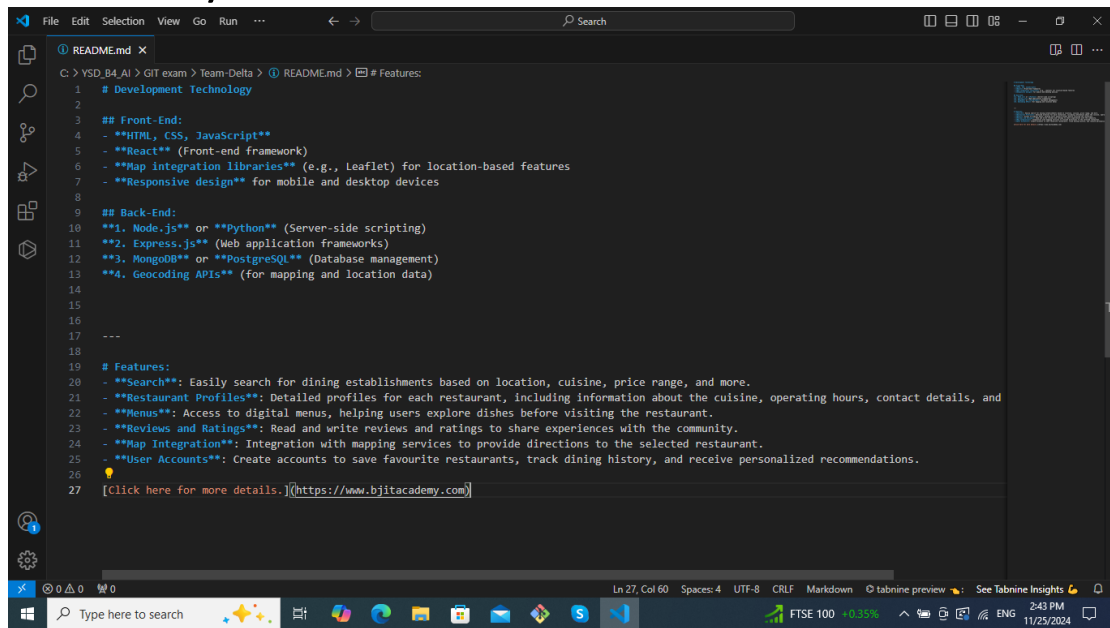
BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git remote -v
origin  git@github.com:mehedibjit/Team-Delta.git (fetch)
origin  git@github.com:mehedibjit/Team-Delta.git (push)

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git pull origin develop
From github.com:mehedibjit/Team-Delta
* branch          develop    -> FETCH_HEAD
Already up to date.

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git checkout -b task2branch
Switched to a new branch 'task2branch'

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ |
```

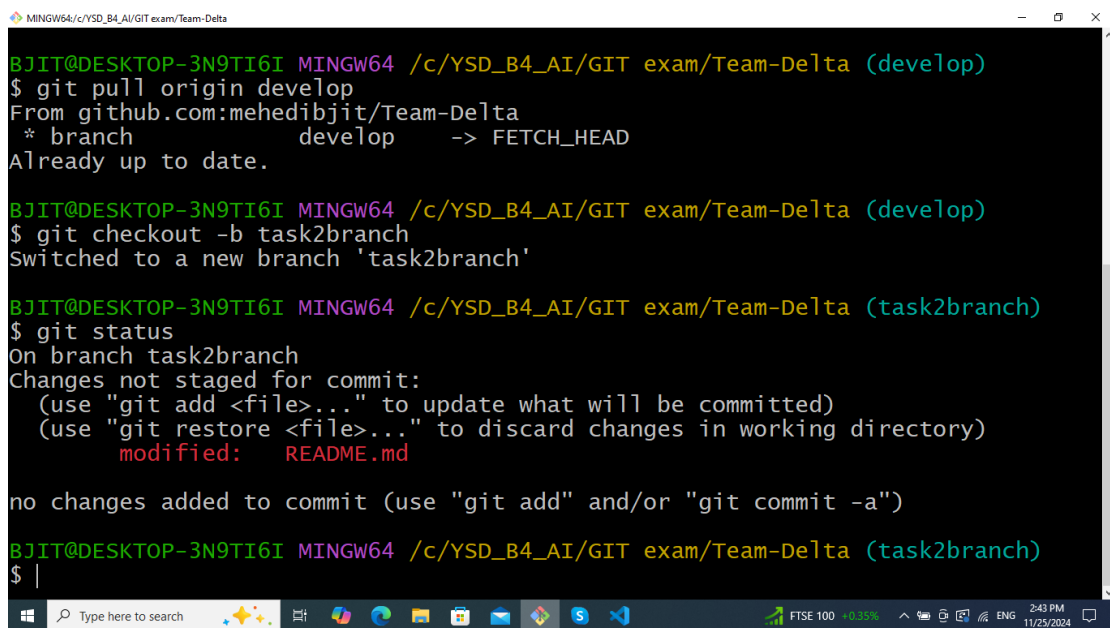
Edited my task in the markdown file:



The screenshot shows a code editor with a dark theme. The file being edited is README.md, located at C:\YSD_B4_AI\GIT exam\Team-Delta\README.md. The editor displays the following content:

```
1 # Development Technology
2
3 ## Front-End:
4 - **HTML, CSS, JavaScript**
5 - **React** (Front-end framework)
6 - **Map integration libraries** (e.g., Leaflet) for location-based features
7 - **Responsive design** for mobile and desktop devices
8
9 ## Back-End:
10 - **1. Node.js** or **Python** (Server-side scripting)
11 - **2. Express.js** (Web application frameworks)
12 - **3. MongoDB** or **PostgreSQL** (Database management)
13 - **4. Geocoding APIs** (for mapping and location data)
14
15 ---
16
17 # Features:
18 - **Search**: Easily search for dining establishments based on location, cuisine, price range, and more.
19 - **Restaurant Profiles**: Detailed profiles for each restaurant, including information about the cuisine, operating hours, contact details, and
20 - **Menus**: Access to digital menus, helping users explore dishes before visiting the restaurant.
21 - **Reviews and Ratings**: Read and write reviews and ratings to share experiences with the community.
22 - **Map Integration**: Integration with mapping services to provide directions to the selected restaurant.
23 - **User Accounts**: Create accounts to save favourite restaurants, track dining history, and receive personalized recommendations.
24
25 [Click here for more details.](https://www.bjitacademy.com)
```

Then checked the modified status:



The screenshot shows a terminal window with the following commands and output:

```
BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git pull origin develop
From github.com:mehedibjit/Team-Delta
* branch          develop    -> FETCH_HEAD
Already up to date.

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git checkout -b task2branch
Switched to a new branch 'task2branch'

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ git status
On branch task2branch
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")

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ |
```

Then add and commit in my task2branch:

```
MINGW64/c/YSD_B4_AI/GIT exam/Team-Delta
Switched to a new branch 'task2branch'

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ git status
On branch task2branch
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")

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ git add README.md

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ git commit -m "Readme Updated" -m "Added all development technologies" -m "Re
f: task2"
[task2branch fd0e5c1] Readme Updated
 1 file changed, 27 insertions(+), 1 deletion(-)

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$
```

Then went back to develop branch and pulled latest for future cherry picking:

```
MINGW64/c/YSD_B4_AI/GIT exam/Team-Delta
BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ git checkout develop
Switched to branch 'develop'
Your branch is up to date with 'origin/develop'.

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git pull origin develop
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 7 (delta 1), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (7/7), 2.92 KiB | 149.00 KiB/s, done.
From github.com:mehedibjit/Team-Delta
 * branch                develop    -> FETCH_HEAD
 1eb4731..dec641c  develop    -> origin/develop
Updating 1eb4731..dec641c
Fast-forward
 README.md | 34 ++++++
 1 file changed, 33 insertions(+), 1 deletion(-)

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$
```

Copied the commit id from task2branch:

```
Update README.md
BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal)
$ git checkout task2branch
Switched to branch 'task2branch'

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ git log -5
commit fd0e5c1a910d852f425eac7cb56f48b9cdaa4c91 (HEAD -> task2branch)
Author: Muhammad Nayeem Mubasshirul Haque <nayeem.mubasshirul@bjitacademy.com>
Date: Mon Nov 25 14:45:54 2024 +0600

    Readme Updated

    Added all development technologies

    Ref: task2

commit 1eb4731dc81cb8cdf4e4cf1e51518d05a3061ec9 (origin/main)
Author: Mehedi Hasan <141901188+mehedibjit@users.noreply.github.com>
Date: Mon Nov 25 12:27:02 2024 +0600

    Initial commit

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ ^C
```

Created another branch for cherry-pick and resolving purpose:

```
BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git pull origin develop
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 7 (delta 1), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (7/7), 2.92 KiB | 149.00 KiB/s, done.
From github.com:mehedibjit/Team-Delta
* branch develop -> FETCH_HEAD
1eb4731..dec641c develop -> origin/develop
Updating 1eb4731..dec641c
Fast-forward
 README.md | 34 ++++++
 1 file changed, 33 insertions(+), 1 deletion(-)

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (develop)
$ git checkout -b task2branchfinal
Switched to a new branch 'task2branchfinal'

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal)
$
```

Cherry-picking in this branch:

```
MINGW64/c/YSD_B4_AI/GIT exam/Team-Delta
BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ ^C

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branch)
$ git checkout task2branchfinal
Switched to branch 'task2branchfinal'

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal)
$ git cherry-pick ^C

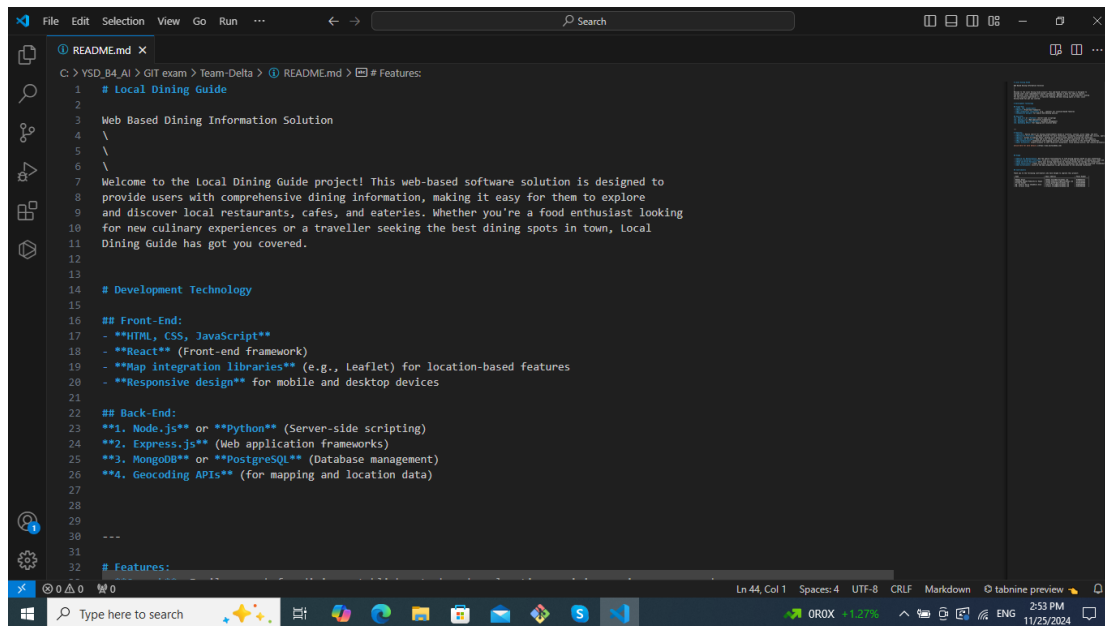
BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal)
$ git cherry-pick fd0e5c1a910d852f425eac7cb56f48b9cdaa4c91
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply fd0e5c1... Readme Updated
hint: After resolving the conflicts, mark 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"

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal|CHERRY-PICKING)
$
```

Fixing problems:

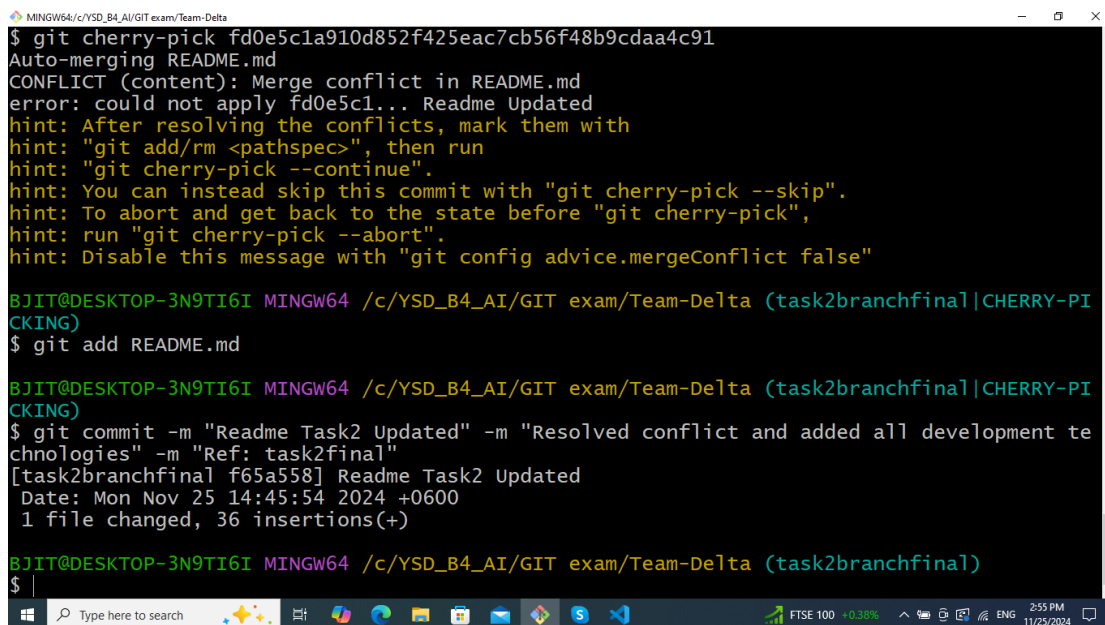
```
File Edit Selection View Go Run ... Search
1 <<<<<< HEAD (Current change)
2 # Local Dining Guide
3
4 Web Based Dining Information Solution
5 \
6 \
7 \
8 Welcome to the Local Dining Guide project! This web-based software solution is designed to
9 provide users with comprehensive dining information, making it easy for them to explore
10 and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking
11 for new culinary experiences or a traveller seeking the best dining spots in town, Local
12 Dining Guide has got you covered.
13
14 # Development Technology
15
16 ## Front-End:
17 - **HTML, CSS, JavaScript**
18 - **React** (Front-end framework)
19 - **Map integration libraries** (e.g., Leaflet) for location-based features
20 - **Responsive design** for mobile and desktop devices
21
22 ## Back-End:
23 **1. Node.js** or **Python** (Server-side scripting)
24 **2. Express.js** (Web application frameworks)
25 **3. MongoDB** or **PostgreSQL** (Database management)
26 **4. Geocoding APIs** (for mapping and location data)
27
28 ---
29
30
31
```


Resolved version:



```
1 # Local Dining Guide
2
3 Web Based Dining Information Solution
4
5 \
6 \
7 Welcome to the Local Dining Guide project! This web-based software solution is designed to
8 provide users with comprehensive dining information, making it easy for them to explore
9 and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking
10 for new culinary experiences or a traveller seeking the best dining spots in town, Local
11 Dining Guide has got you covered.
12
13 # Development Technology
14
15 ## Front-End:
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 ## Back-End:
22 - **1. Node.js** or **Python** (Server-side scripting)
23 - **2. Express.js** (Web application frameworks)
24 - **3. MongoDB** or **PostgreSQL** (Database management)
25 - **4. Geocoding APIs** (for mapping and location data)
26
27 ---
28
29 # Features:
```

Then add, commit and push this fixed code in my task2branchfinal:



```
$ git cherry-pick fd0e5c1a910d852f425eac7cb56f48b9cdaa4c91
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply fd0e5c1.. Readme Updated
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"

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal|CHERRY-PICKING)
$ git add README.md

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal|CHERRY-PICKING)
$ git commit -m "Readme Task2 Updated" -m "Resolved conflict and added all development technologies" -m "Ref: task2final"
[task2branchfinal f65a558] Readme Task2 Updated
Date: Mon Nov 25 14:45:54 2024 +0600
1 file changed, 36 insertions(+)

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal)
$
```

```
MINGW64/c/YSD_B4_AI/GIT exam/Team-Delta
$ git cherry-pick fd0e5c1a910d852f425eac7cb56f48b9cdaa4c91
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply fd0e5c1... Readme Updated
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"

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal|CHERRY-PICKING)
$ git add README.md

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal|CHERRY-PICKING)
$ git commit -m "Readme Task2 Updated" -m "Resolved conflict and added all development technologies" -m "Ref: task2final"
[task2branchfinal f65a558] Readme Task2 Updated
Date: Mon Nov 25 14:45:54 2024 +0600
1 file changed, 36 insertions(+)

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal)
$ |

MINGW64/c/YSD_B4_AI/GIT exam/Team-Delta
CKING)
$ git commit -m "Readme Task2 Updated" -m "Resolved conflict and added all development technologies" -m "Ref: task2final"
[task2branchfinal f65a558] Readme Task2 Updated
Date: Mon Nov 25 14:45:54 2024 +0600
1 file changed, 36 insertions(+)

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal)
$ git push -u origin task2branchfinal
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 1.04 KiB | 1.04 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'task2branchfinal' on GitHub by visiting:
remote: https://github.com/mehedibjit/Team-Delta/pull/new/task2branchfinal
remote:
To github.com:mehedibjit/Team-Delta.git
 * [new branch] task2branchfinal -> task2branchfinal
branch 'task2branchfinal' set up to track 'origin/task2branchfinal'.

BJIT@DESKTOP-3N9TI6I MINGW64 /c/YSD_B4_AI/GIT exam/Team-Delta (task2branchfinal)
$
```

Then finally pull request:

The screenshot displays a GitHub pull request page for 'Readme Task2 Updated #2'. The top section shows the pull request details, including the title, the user 'nayeem-mubashirul' who wants to merge 1 commit into 'develop' from 'task2branchfinal', and the commit hash 'f65a558'. The pull request is in the 'Open' state. The right sidebar shows the 'Reviews' section with a suggestion from 'AKANIK93' and a 'Request' button. The bottom section shows the pull request after it has been merged, with a 'Merged' status and a 'Delete branch' button. The page also includes a 'Conversation' tab with comments and a 'Merge pull request' button.

Readme Task2 Updated #2

Open nayeem-mubashirul wants to merge 1 commit into develop from task2branchfinal

Conversation 0 Commits 1 Checks 0 Files changed 1

Resolved conflict and added all development technologies

Ref: task2final

Review required

At least 1 approving review is required by reviewers with write access. [Learn more about pull request reviews.](#)

Merging is blocked

Merging can be performed automatically with 1 approving review.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Assignees

No one—[assign yourself](#)

Labels

None yet

Projects

None yet

Milestone

None yet

Readme Task2 Updated

f65a558

Mehedibjit approved these changes now

View reviewed changes

mehedibjit left a comment

all ok. Task 2 done

mehedibjit merged commit 539f3d7 into develop now

Revert

Pull request successfully merged and closed

You're all set—the task2branchfinal branch can be safely deleted.

Delete branch

Add a comment

Write Preview

Type here to search

28°C Haze

2:57 PM

11/25/2024