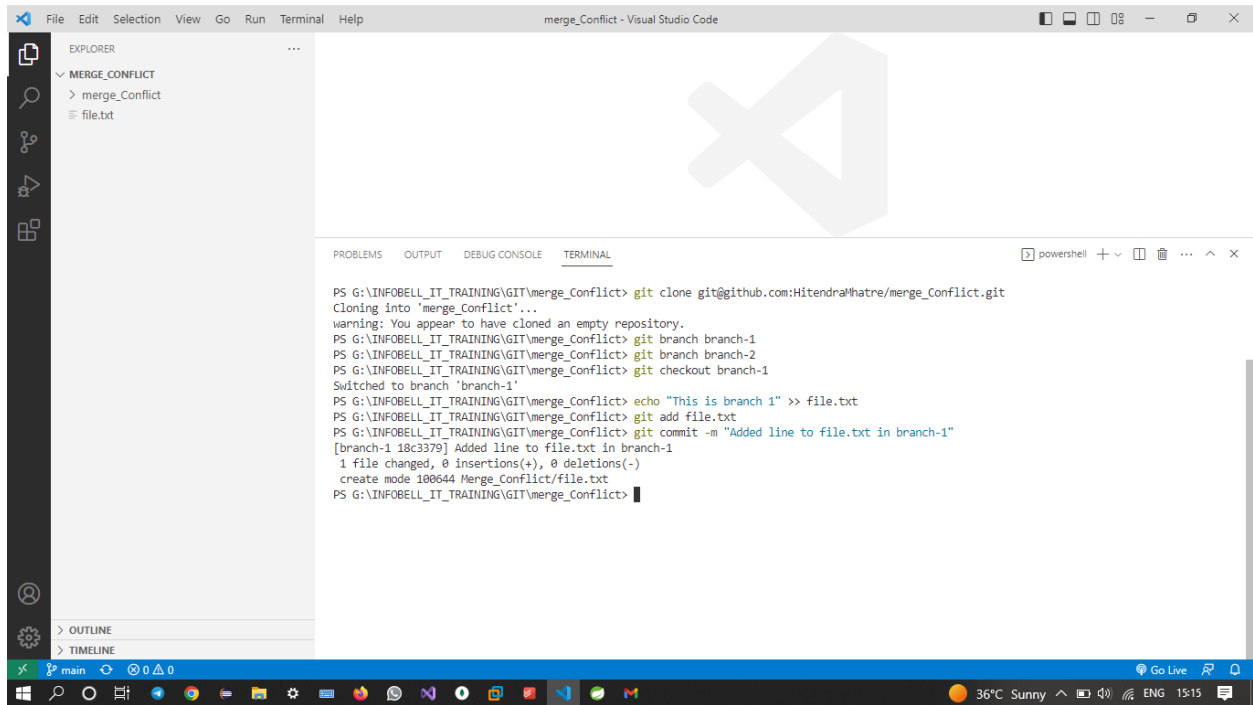


Program to understand and resolve Merge-Conflict

1. Cloned remote repository into local repository
2. Created two branches branch-1 and branch-2
3. Switched to branch-1 and added file.txt with text "This is branch-1"

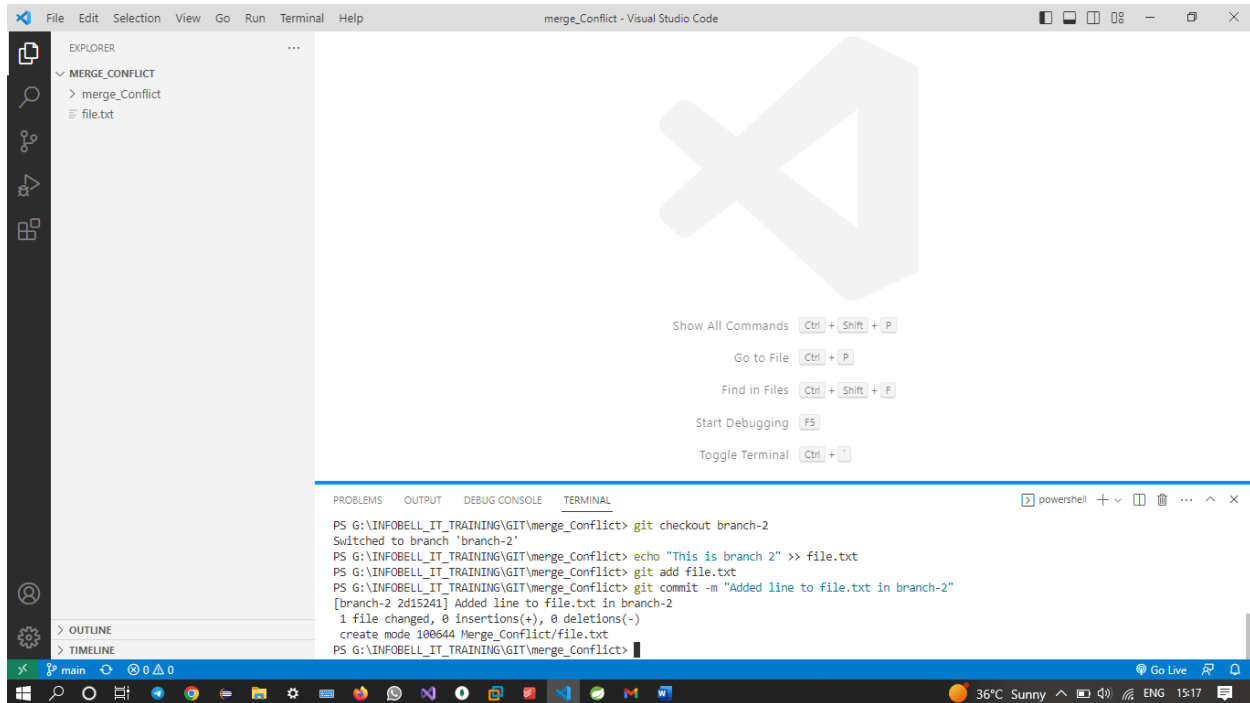


The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer panel on the left shows a project named 'MERGE_CONFLICT' with a file 'file.txt'. The terminal window displays the following commands and output:

```
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git clone git@github.com:Hitendra\hatre/merge_Conflict.git
Cloning into 'merge_Conflict'...
warning: You appear to have cloned an empty repository.
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git branch branch-1
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git branch branch-2
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git checkout branch-1
Switched to branch 'branch-1'
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> echo "This is branch 1" >> file.txt
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git add file.txt
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git commit -m "Added line to file.txt in branch-1"
[branch-1 18c3379] Added line to file.txt in branch-1
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Merge_Conflict/file.txt
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict>
```

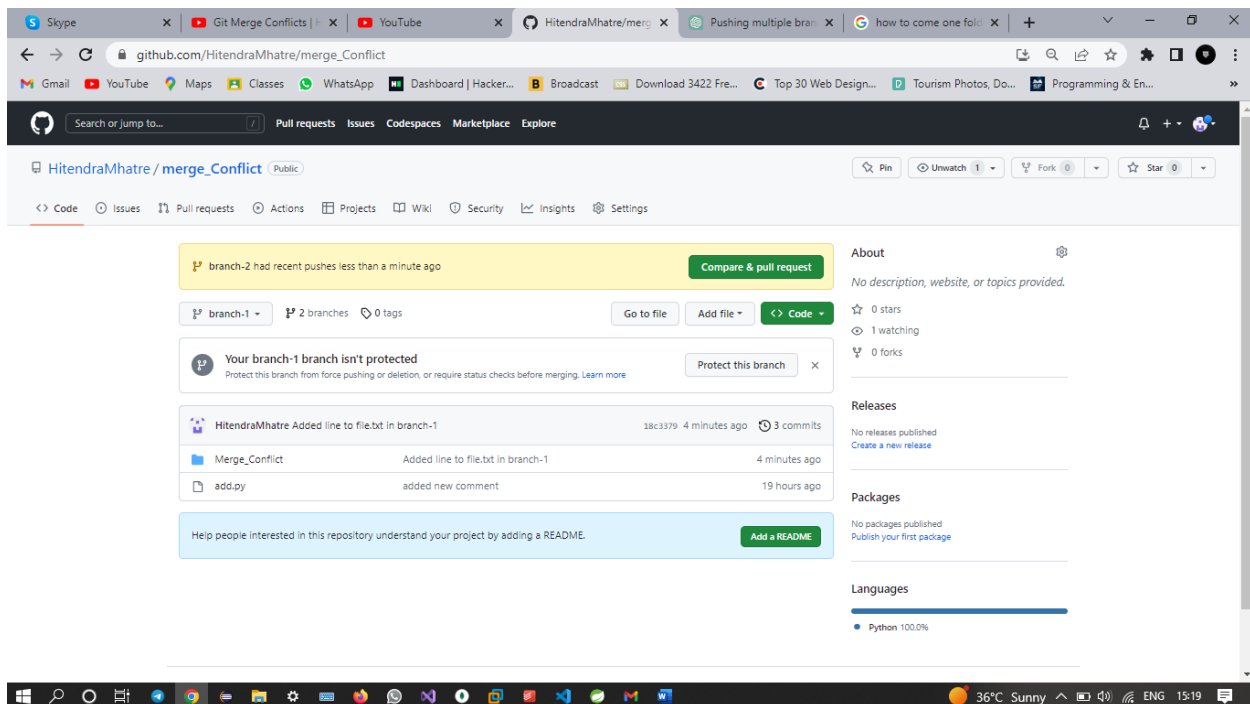
The status bar at the bottom indicates the current branch is 'main' and shows 0 changes.

- Switched in branch-2 and added file.txt with text "This is branch-2"
- Pushed both of these branches to remote repository.



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left shows a project named 'MERGE_CONFLICT' with a file 'file.txt'. The Terminal panel at the bottom shows the following commands and output:

```
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git checkout branch-2
Switched to branch 'branch-2'
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> echo "This is branch 2" >> file.txt
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git add file.txt
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git commit -m "Added line to file.txt in branch-2"
[branch-2 2d15241] Added line to file.txt in branch-2
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Merge_Conflict/file.txt
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict>
```



Skype x Git Merge Conflicts | x x Comparing branch-1... x Pushing multiple branch... x how to come one folo... x

github.com/HitendraMhatre/merge_Conflict/compare/branch-1...branch-2

Gmail YouTube Maps Classes WhatsApp Dashboard | Hacker... Broadcast Download 3422 Fre... Top 30 Web Design... Tourism Photos, Do... Programming & En...

Search or jump to... Pull requests Issues Codespaces Marketplace Explore

HitendraMhatre / merge_Conflict Public

< Code Issues Pull requests Actions Projects Wiki Security Insights Settings

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](#).

base: branch-1 ← compare: branch-2

✗ Can't automatically merge. Don't worry, you can still create the pull request.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#)

Create pull request

→ 1 commit 1 file changed 1 contributor

Commits on Apr 11, 2023

Added line to file.txt in branch-2
HitendraMhatre committed 3 minutes ago

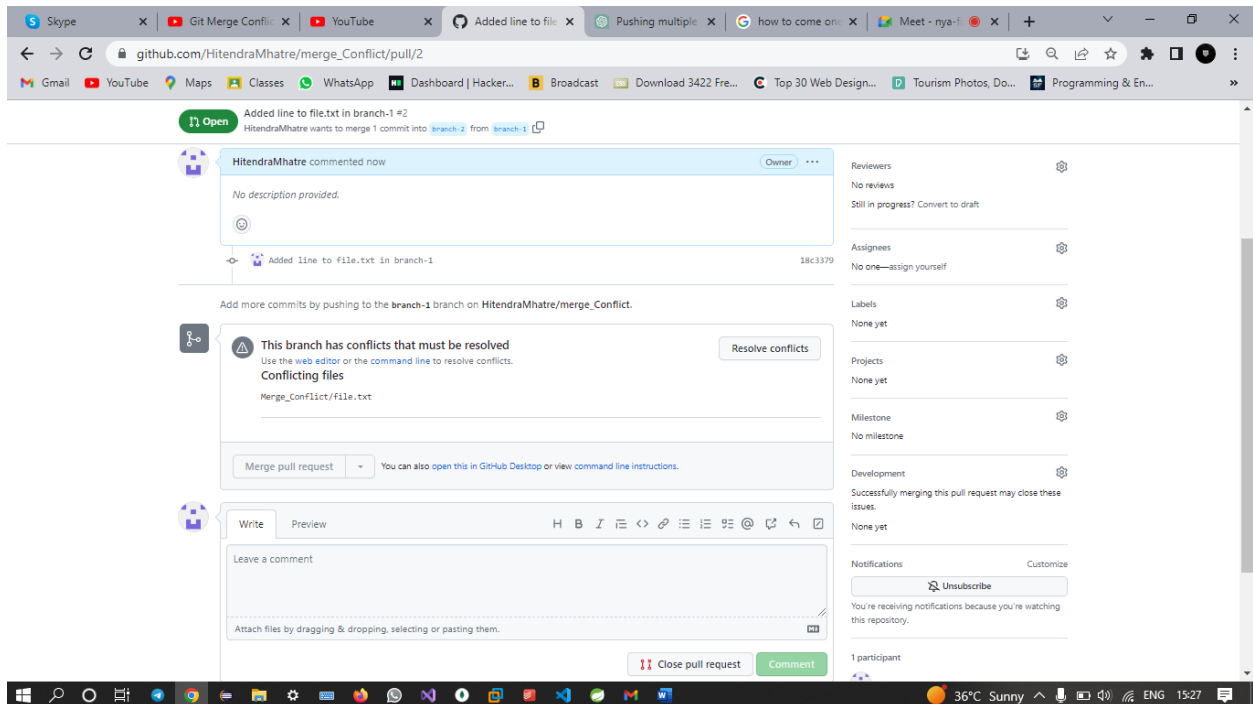
Showing 1 changed file with 0 additions and 0 deletions.

BIN +38 Bytes merge_Conflict/file.txt

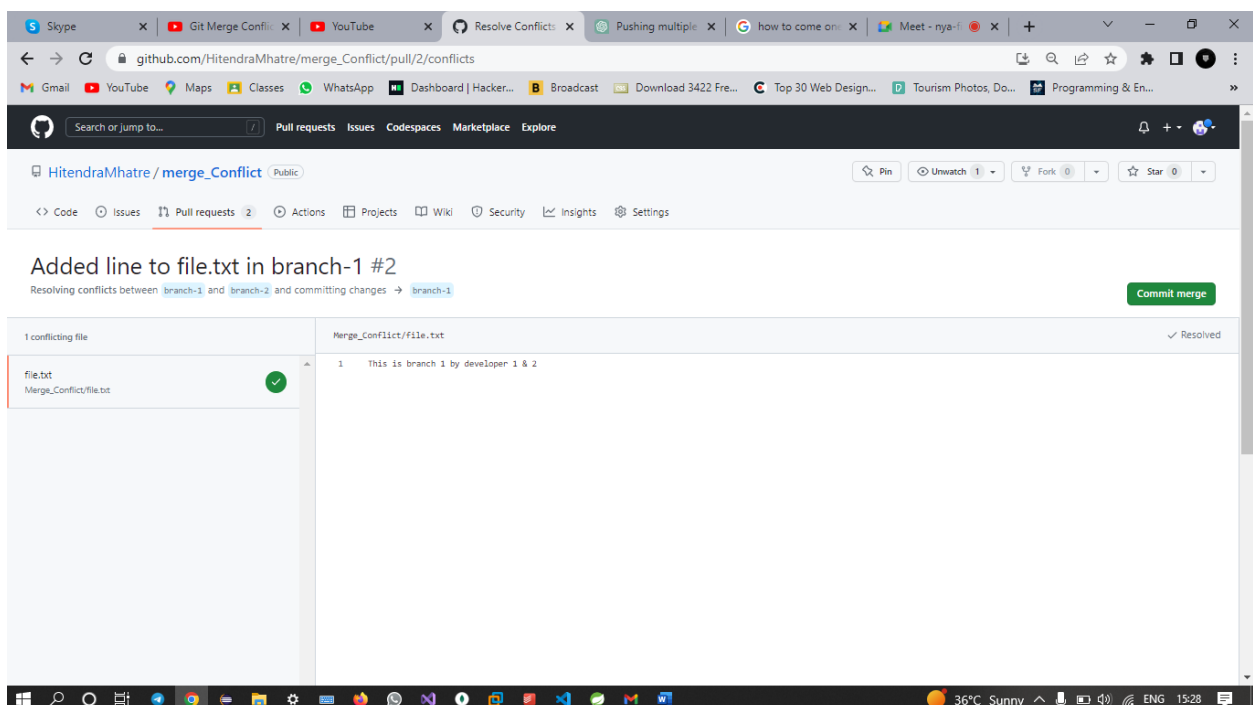
Binary file not shown.

The screenshot shows the GitHub interface for creating a pull request. At the top, the browser tabs and address bar are visible. The GitHub header includes the repository name 'HitendraMhate/merge_Conflict' and navigation links like 'Pull requests', 'Issues', 'Codespaces', 'Marketplace', and 'Explore'. The main heading is 'Open a pull request' with a subtext explaining how to create one. Below this, the pull request details are shown: the base branch is 'branch-1' and the compare branch is 'branch-2'. A warning message states 'Can't automatically merge. Don't worry, you can still create the pull request.' The pull request title is 'Added line to file.txt in branch-2'. There is a 'Write' tab and a 'Preview' tab. A large text area for 'Leave a comment' is present, along with a note about attaching files. A green 'Create pull request' button is at the bottom right. The right sidebar contains sections for 'Reviewers' (No reviews), 'Assignees' (No one—assign yourself), 'Labels' (None yet), 'Projects' (None yet), 'Milestone' (No milestone), and 'Development' (Use Closing keywords in the description to automatically close issues).

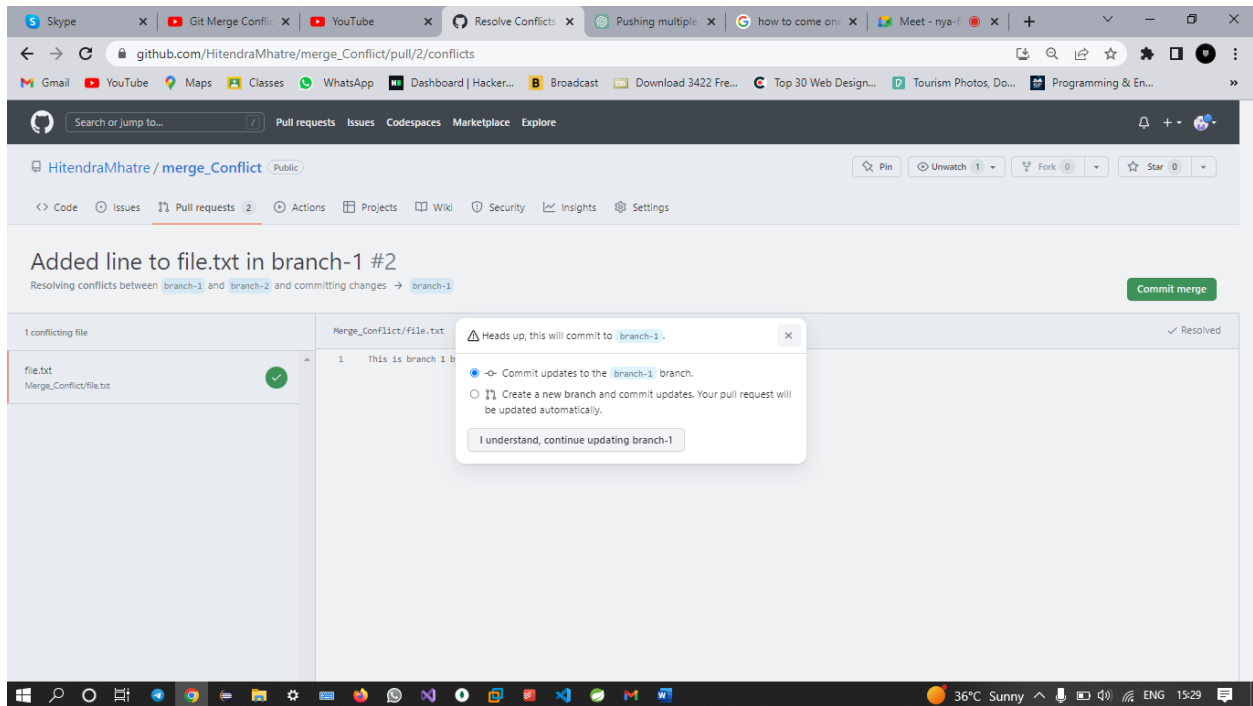
7. As both file has file.txt I get conflict error.



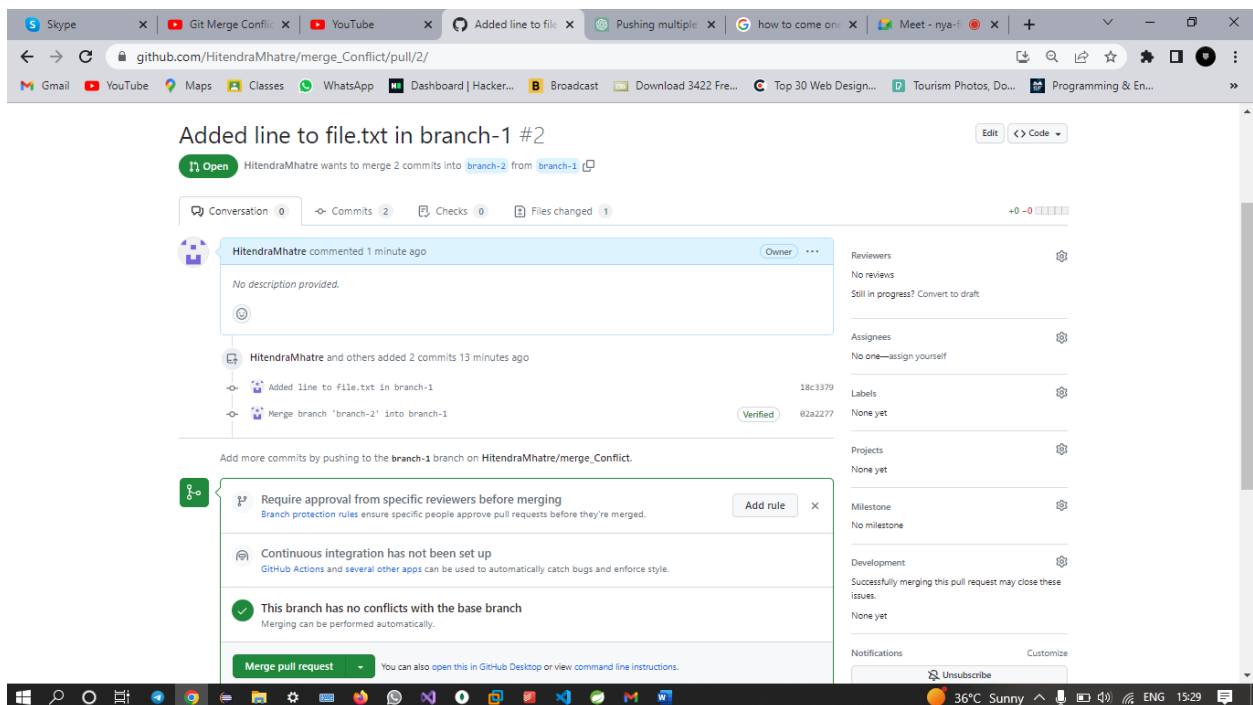
8. Clicked on resolve conflict. And added code that I wanted to reflect in file.txt



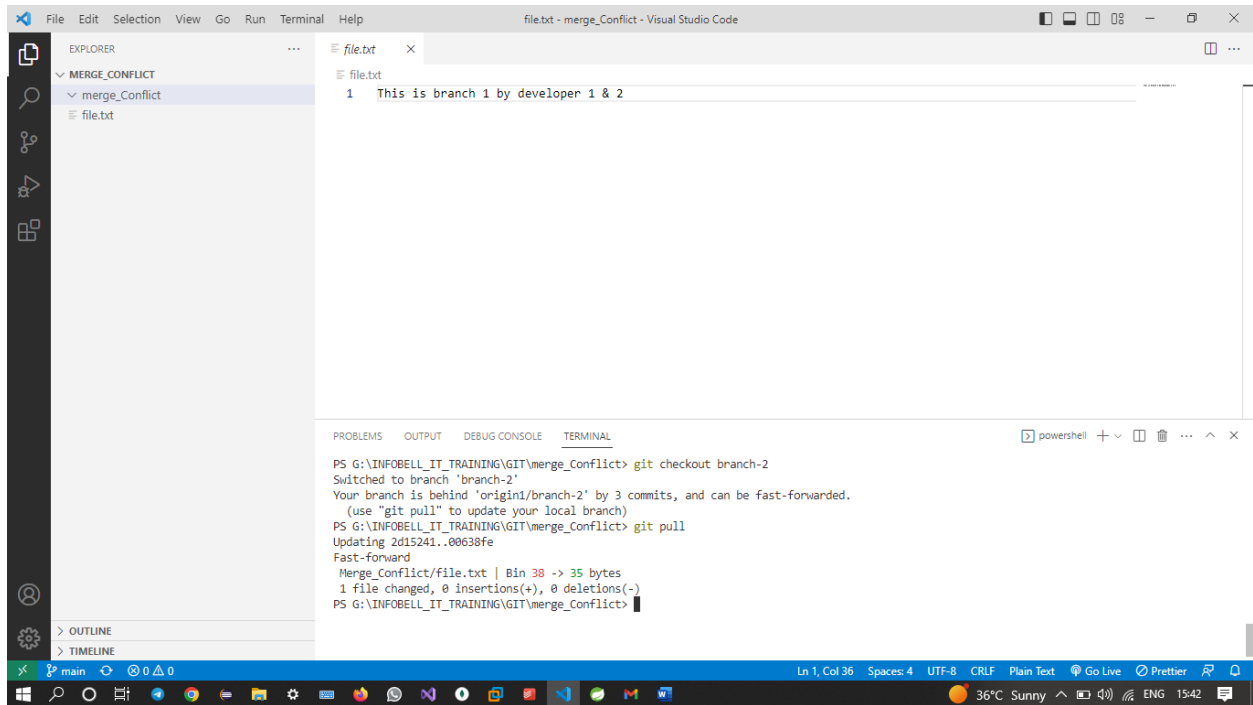
9. Commit changes.



10. Merged pull request.



Branch-2



The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying a project structure with a folder named 'MERGE_CONFLICT' containing a file 'file.txt'. The main editor area shows the content of 'file.txt' as '1 This is branch 1 by developer 1 & 2'. The bottom panel contains the Terminal window, which shows the following commands and output:

```
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git checkout branch-2
Switched to branch 'branch-2'
Your branch is behind 'origin/branch-2' by 3 commits, and can be fast-forwarded.
(use "git pull" to update your local branch)
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict> git pull
Updating 2d15241..00638fe
Fast-forward
 Merge_Conflict/file.txt | Bin 38 -> 35 bytes
 1 file changed, 0 insertions(+), 0 deletions(-)
PS G:\INFOBELL_IT_TRAINING\GIT\merge_Conflict>
```

The status bar at the bottom indicates the current file is 'Ln 1, Col 36', using 'UTF-8' encoding with 'CRLF' line endings, and is in 'Plain Text' mode. The system tray shows a temperature of 36°C, sunny weather, and the time 15:42.