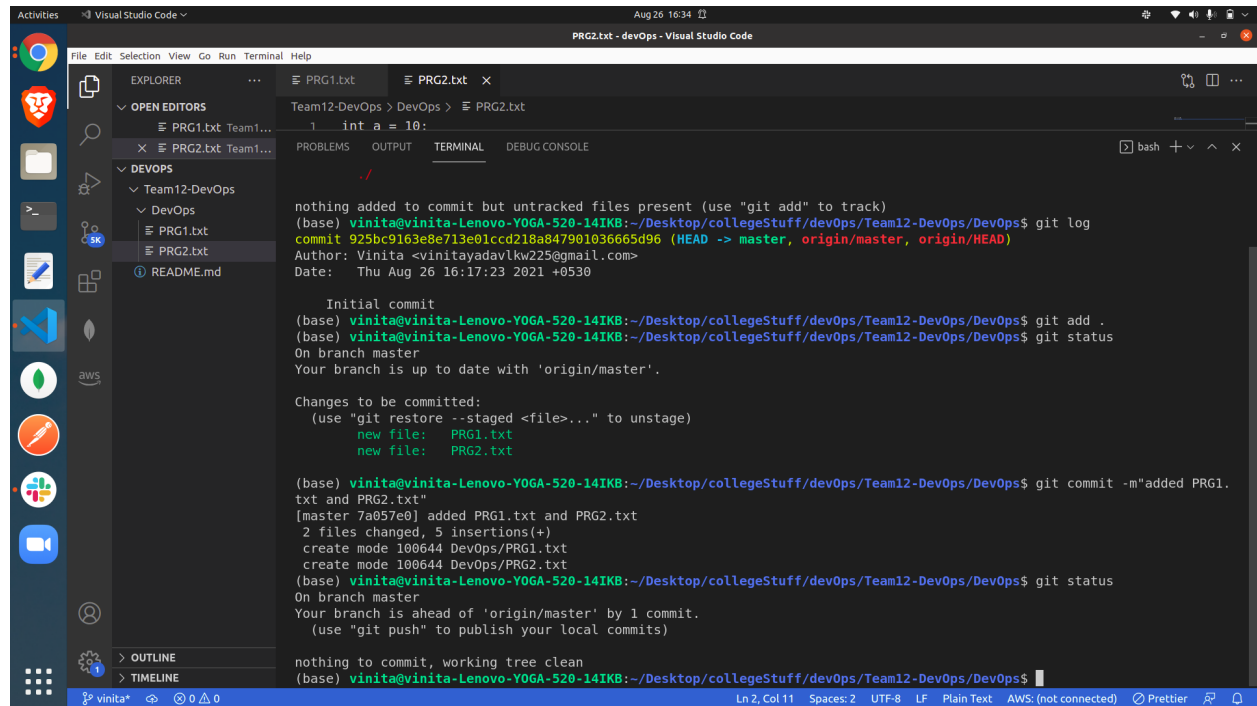


TEAM-12
(DEEPANSHU SACHDEVA- 18BCS114)
(VINITA YADAV- 18BCS109)

SCREENSHOT 1



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

```
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git log
commit 925bc9163e8e713e01cccd218a847901036665d96 (HEAD -> master, origin/master, origin/HEAD)
Author: Vinita <vinitayadavlkv225@gmail.com>
Date: Thu Aug 26 16:17:23 2021 +0530

Initial commit

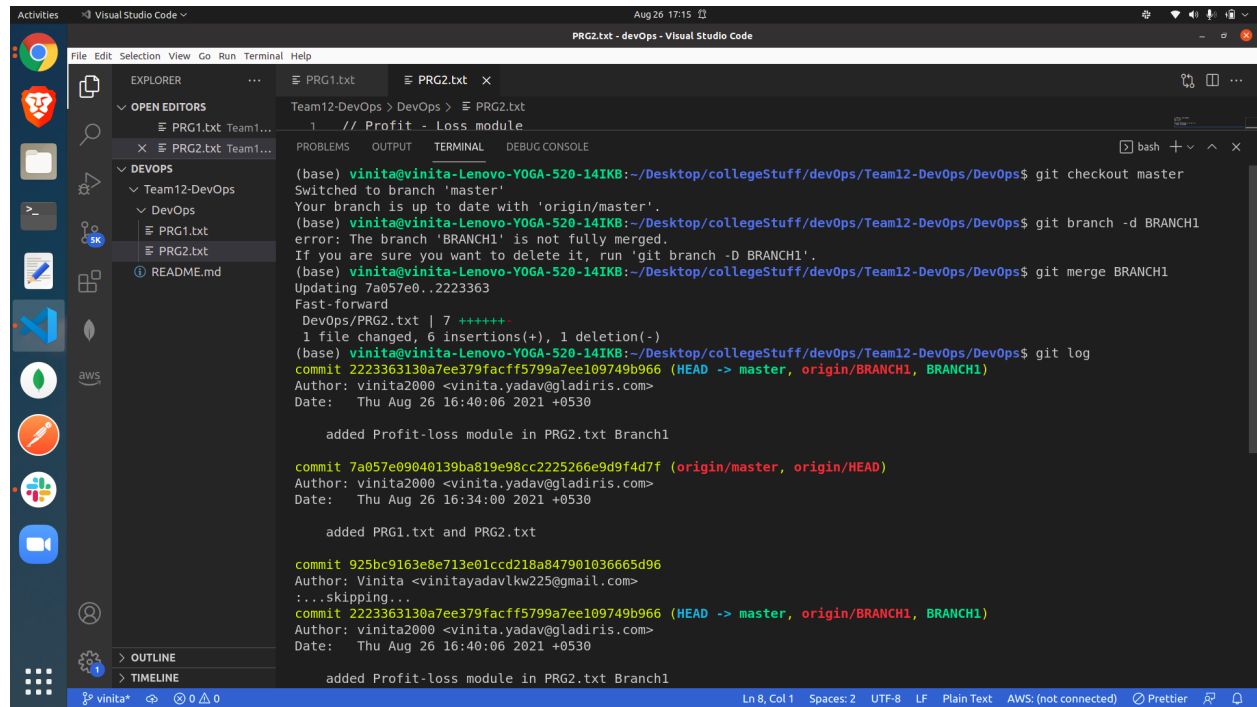
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git add .
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   PRG1.txt
        new file:   PRG2.txt

(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git commit -m"added PRG1.
txt and PRG2.txt"
[master 7a057e0] added PRG1.txt and PRG2.txt
 2 files changed, 5 insertions(+)
 create mode 100644 DevOps/PRG1.txt
 create mode 100644 DevOps/PRG2.txt
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$
```

SCREENSHOT 2(a)



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

```
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git branch -d BRANCH1
error: The branch 'BRANCH1' is not fully merged.
If you are sure you want to delete it, run 'git branch -D BRANCH1'.
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git merge BRANCH1
Updating 7a057e0..2223363
Fast-forward
 DevOps/PRG2.txt | 7 +++++
 1 file changed, 6 insertions(+), 1 deletion(-)
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git log
commit 2223363130a7ee379facff5799a7ee109749b966 (HEAD -> master, origin/BRANCH1, BRANCH1)
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 16:40:06 2021 +0530

    added Profit-loss module in PRG2.txt Branch1

commit 7a057e09040139ba819e98cc2225266e9d9f4d7f (origin/master, origin/HEAD)
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 16:34:00 2021 +0530

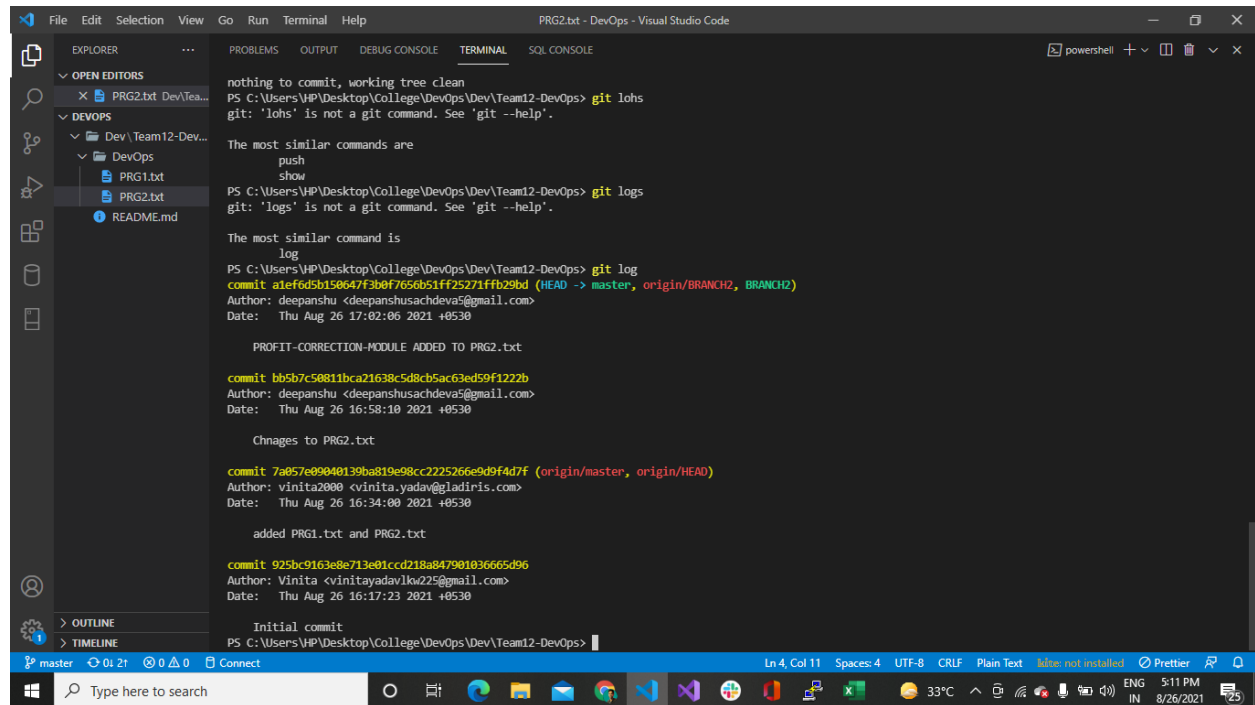
    added PRG1.txt and PRG2.txt

commit 925bc9163e8e713e01ccd218a847901036665d96
Author: Vinita <vinitayadavlkw225@gmail.com>
:....skipping....
commit 2223363130a7ee379facff5799a7ee109749b966 (HEAD -> master, origin/BRANCH1, BRANCH1)
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 16:40:06 2021 +0530

    added Profit-loss module in PRG2.txt Branch1
```

The Explorer sidebar on the left shows the file structure with 'PRG1.txt' and 'PRG2.txt' selected under 'Team12-DevOps' > 'DevOps'. The status bar at the bottom indicates 'Ln 8, Col 1' and 'Spaces: 2'.

SCREENSHOT2 (B)



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

```
PS C:\Users\HP\Desktop\College\DevOps\Dev\Team12-DevOps> git loh
git: 'loh' is not a git command. See 'git --help'.

The most similar commands are
    push
    show

PS C:\Users\HP\Desktop\College\DevOps\Dev\Team12-DevOps> git logs
git: 'logs' is not a git command. See 'git --help'.

The most similar command is
    log

PS C:\Users\HP\Desktop\College\DevOps\Dev\Team12-DevOps> git log
commit a1ef6d5b158647f3b0f7656b51ff25271ffb29bd (HEAD -> master, origin/BRANCH2, BRANCH2)
Author: deepanshu <deepanshusachdeva5@gmail.com>
Date: Thu Aug 26 17:02:06 2021 +0530

    PROFIT-CORRECTION-MODULE ADDED TO PRG2.txt

commit bb5b7c50811bca21638c5d8cb5ac63ed59f1222b
Author: deepanshu <deepanshusachdeva5@gmail.com>
Date: Thu Aug 26 16:58:10 2021 +0530

    Chnages to PRG2.txt

commit 7a057e09048139ba819e98cc2225266e9d9f4d7f (origin/master, origin/HEAD)
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 16:34:00 2021 +0530

    added PRG1.txt and PRG2.txt

commit 925bc9163e8e713e01ccd218a847901036665d96
Author: Vinita <vinitayadav1kv225@gmail.com>
Date: Thu Aug 26 16:17:23 2021 +0530

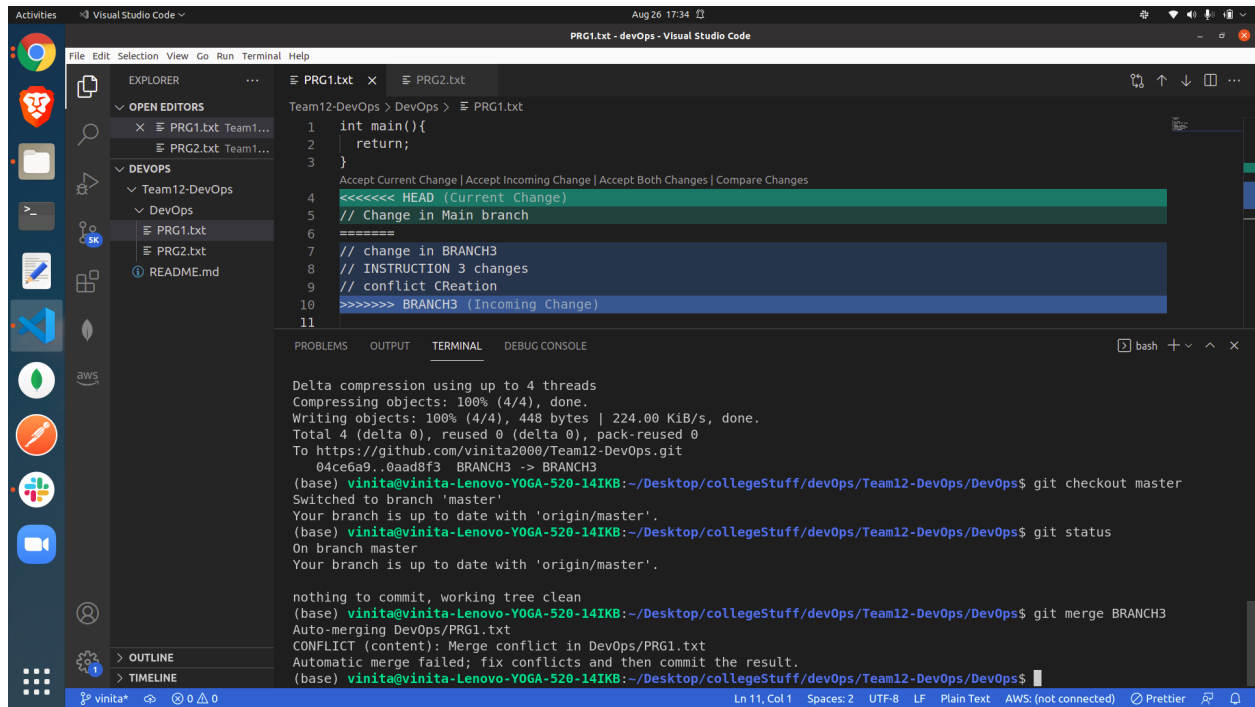
    Initial commit

PS C:\Users\HP\Desktop\College\DevOps\Dev\Team12-DevOps>
```

The status bar at the bottom indicates the current branch is 'master' and the file encoding is UTF-8.

HEAD POINTER -> MASTER

SCREENSHOT3



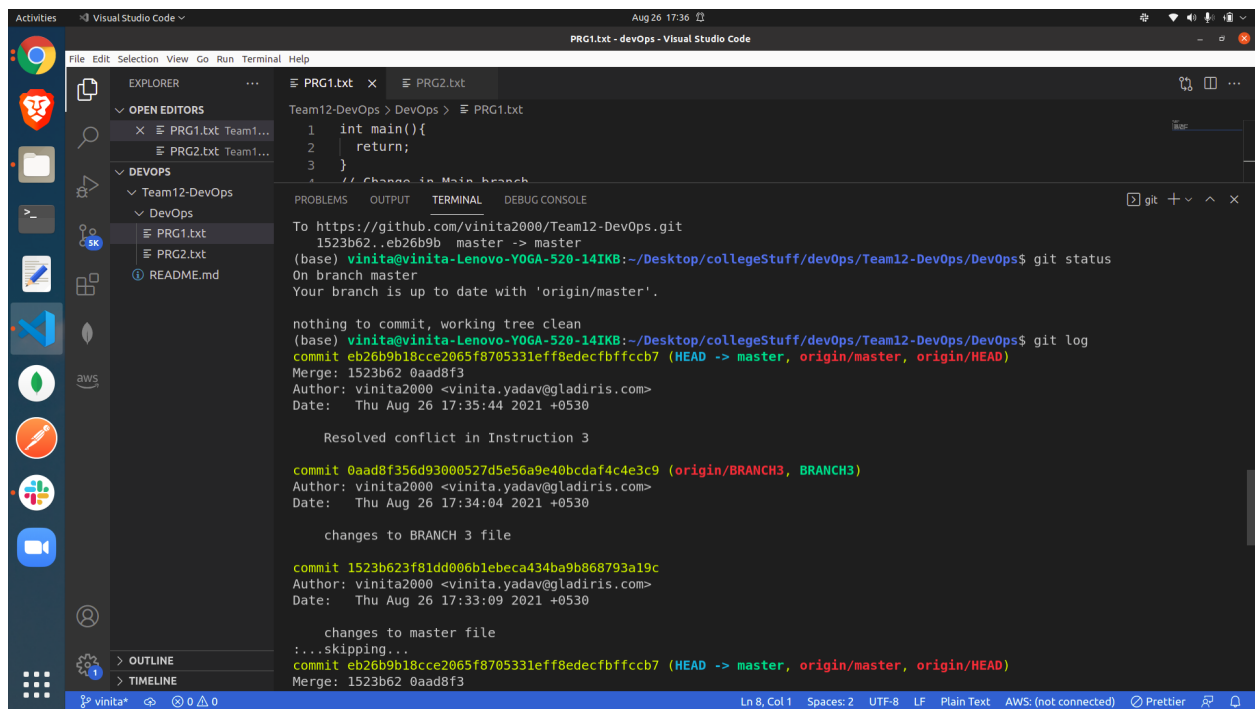
```
PRG1.txt - devOps - Visual Studio Code

Team12-DevOps > DevOps > PRG1.txt
1  int main(){
2      return;
3  }
4  <<<<<< HEAD (Current Change)
5  // Change in Main branch
6  =====
7  // change in BRANCH3
8  // INSTRUCTION 3 changes
9  // conflict CReation
10 >>>>>> BRANCH3 (Incoming Change)
11

PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE

Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 448 bytes | 224.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/vinita2000/Team12-DevOps.git
   04ce6a9..0aad8f3  BRANCH3 -> BRANCH3
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git merge BRANCH3
Auto-merging DevOps/PRG1.txt
CONFLICT (content): Merge conflict in DevOps/PRG1.txt
Automatic merge failed; fix conflicts and then commit the result.
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$
```



```
PRG1.txt - devOps - Visual Studio Code

Team12-DevOps > DevOps > PRG1.txt
1  int main(){
2      return;
3  }
4  // Change in Main branch

PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE

To https://github.com/vinita2000/Team12-DevOps.git
1523b62..eb26b9b  master -> master
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git log
commit eb26b9b18c2065f8705331eff8edecfbffccb7 (HEAD -> master, origin/master, origin/HEAD)
Merge: 1523b62 0aad8f3
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 17:35:44 2021 +0530

    Resolved conflict in Instruction 3

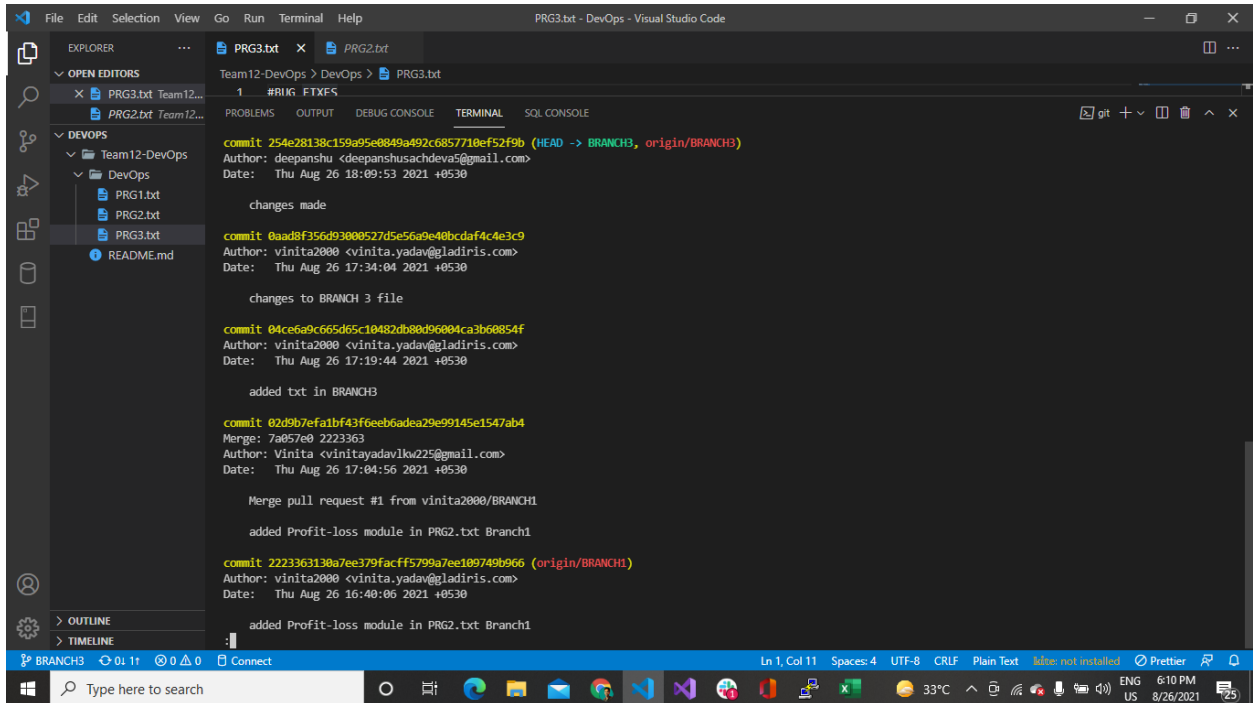
commit 0aad8f356d93000527d5e56a9e40bcdaf4c4e3c9 (origin/BRANCH3, BRANCH3)
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 17:34:04 2021 +0530

    changes to BRANCH 3 file

commit 1523b623f81dd006b1ebeca434ba9b868793a19c
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 17:33:09 2021 +0530

    changes to master file
...skipping...
commit eb26b9b18c2065f8705331eff8edecfbffccb7 (HEAD -> master, origin/master, origin/HEAD)
Merge: 1523b62 0aad8f3
```

SCREENSHOT4



```
PRG3.txt - DevOps - Visual Studio Code

EXPLORER
Team12-DevOps > DevOps > PRG3.txt
PRG3.txt Team12...
PRG2.txt Team12...
Team12-DevOps
DevOps
PRG1.txt
PRG2.txt
README.md

TERMINAL
commit 254e28138c159a95e0849a492c6857710ef52f9b (HEAD -> BRANCH3, origin/BRANCH3)
Author: deepanshu <deepanshusachdeva5@gmail.com>
Date: Thu Aug 26 18:09:53 2021 +0530

changes made

commit 0aad8f356d93008527d5e56a9e40bcdaf4c4e3c9
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 17:34:04 2021 +0530

changes to BRANCH 3 file

commit 04ce6a9c665d65c10482db80d96004ca3b66854f
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 17:19:44 2021 +0530

added txt in BRANCH3

commit 02d9b7efaf1bf43f6eeb6adea29e99145e1547ab4
Merge: 7a057e0 2223363
Author: Vinita <vinitayadav1kv225@gmail.com>
Date: Thu Aug 26 17:04:56 2021 +0530

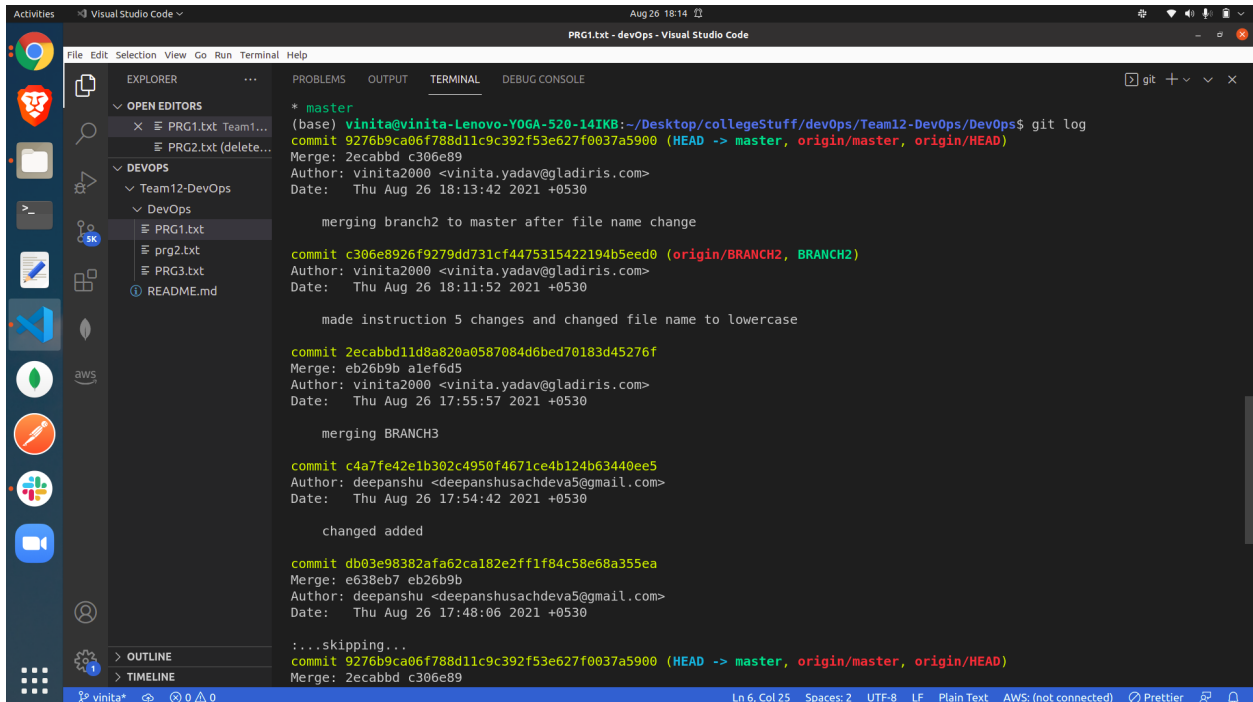
Merge pull request #1 from vinita2000/BRANCH1

added Profit-loss module in PRG2.txt Branch1

commit 2223363130a7ee379facff5799a7ee109749b966 (origin/BRANCH1)
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 16:40:06 2021 +0530

added Profit-loss module in PRG2.txt Branch1
```

SCREENSHOT5



```
PRG1.txt - devOps - Visual Studio Code

EXPLORER
Team12-DevOps > DevOps > PRG1.txt
PRG1.txt Team12...
PRG2.txt (delete...)
Team12-DevOps
DevOps
PRG1.txt
PRG2.txt
PRG3.txt
README.md

TERMINAL
* master
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git log
commit 9276b9ca06f788d11c9c392f53e627f0037a5900 (HEAD -> master, origin/master, origin/HEAD)
Merge: 2ecabbd c306e89
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 18:13:42 2021 +0530

merging branch2 to master after file name change

commit c306e8926f9279dd731cf4475315422194b5eed0 (origin/BRANCH2, BRANCH2)
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 18:11:52 2021 +0530

made instruction 5 changes and changed file name to lowercase

commit 2ecabbd11d8a820a0587084d6bed70183d45276f
Merge: eb26b9b alefed5
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 17:55:57 2021 +0530

merging BRANCH3

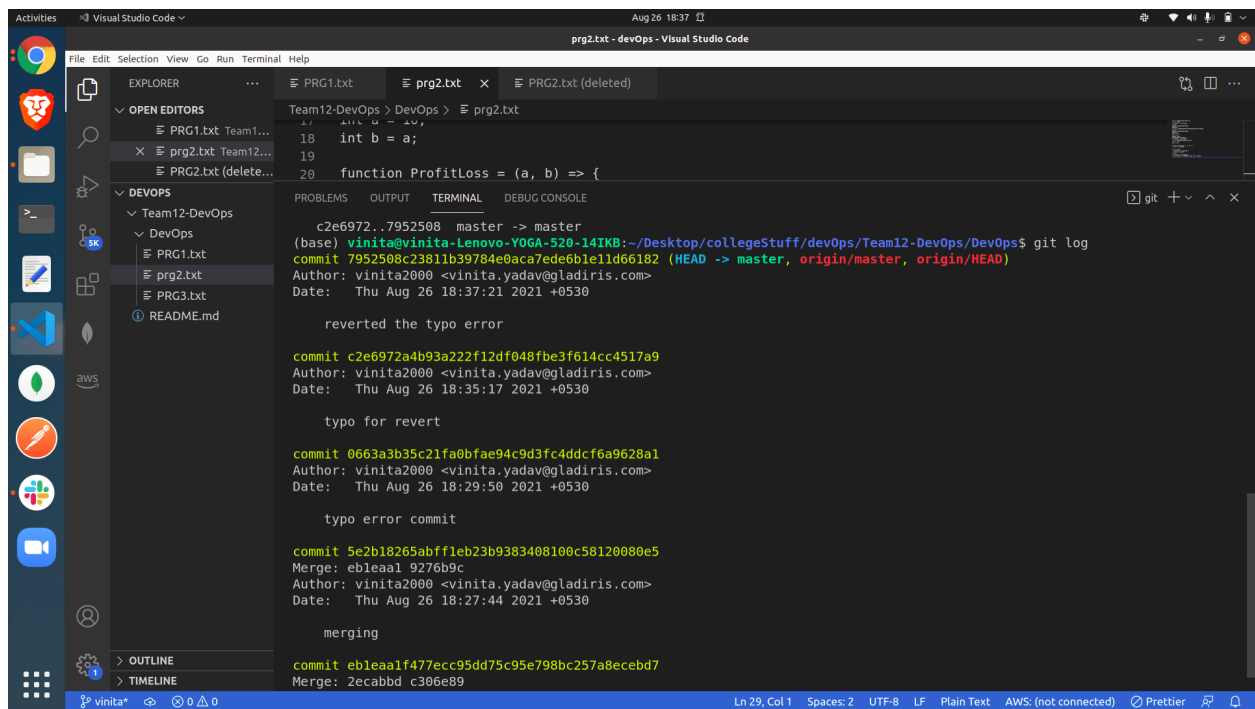
commit c4a7fe42e1b302c4950f4671ce4b124b63440ee5
Author: deepanshu <deepanshusachdeva5@gmail.com>
Date: Thu Aug 26 17:54:42 2021 +0530

changed added

commit db03e98382afa62ca182e2ff1f84c58e68a355ea
Merge: e638eb7 eb26b9b
Author: deepanshu <deepanshusachdeva5@gmail.com>
Date: Thu Aug 26 17:48:06 2021 +0530

...skipping...
commit 9276b9ca06f788d11c9c392f53e627f0037a5900 (HEAD -> master, origin/master, origin/HEAD)
Merge: 2ecabbd c306e89
```

SCREENSHOT 6



Visual Studio Code interface showing a git log in the terminal. The Explorer sidebar on the left shows the file structure with 'PRG1.txt', 'prg2.txt', 'PRG2.txt (deleted)', 'PRG3.txt', and 'README.md'. The main editor displays the code for 'prg2.txt', which includes a function 'ProfitLoss'. The terminal window shows the output of 'git log', displaying commit history with details like commit hash, author, date, and message. The status bar at the bottom indicates 'Ln 29, Col 1', 'Spaces: 2', 'UTF-8', 'LF', 'Plain Text', 'AWS: (not connected)', 'Prettier', and a search icon.

```
Team12-DevOps > DevOps > prg2.txt
17  int a = 10;
18  int b = a;
19
20  function ProfitLoss = (a, b) => {

c2e6972..7952508 master -> master
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git log
commit 7952508c23811b39784e0aca7ede6b1e1d66182 (HEAD -> master, origin/master, origin/HEAD)
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 18:37:21 2021 +0530

    reverted the typo error

commit c2e6972a4b93a222f12df048fbc3f614cc4517a9
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 18:35:17 2021 +0530

    typo for revert

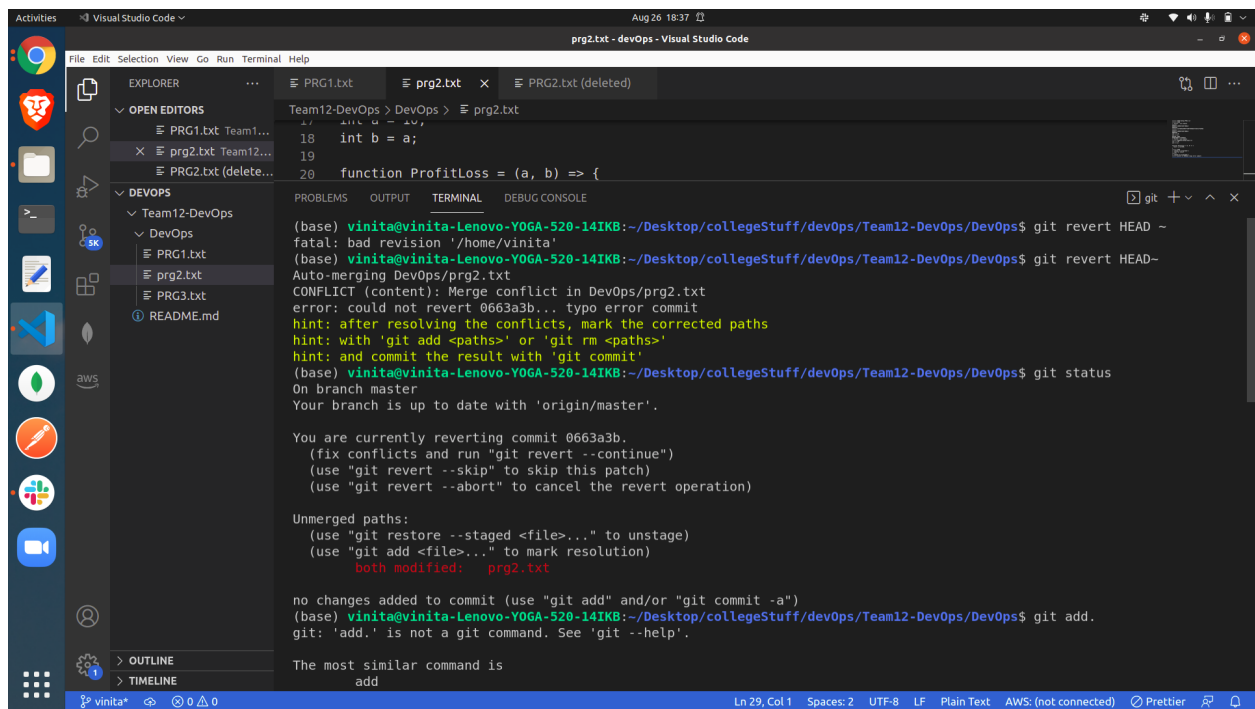
commit 0663a3b35c21fa0bfae94c9d3fc4ddcf6a9628a1
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 18:29:50 2021 +0530

    typo error commit

commit 5e2b18265abff1eb23b9383408100c58120080e5
Merge: ebleaal 9276b9c
Author: vinita2000 <vinita.yadav@gladiris.com>
Date: Thu Aug 26 18:27:44 2021 +0530

    merging

commit ebleaal1f477ecc95dd75c95e798bc257a8eeced7
Merge: 2ecabdd c306e89
```



Visual Studio Code interface showing the output of 'git revert HEAD' in the terminal. The Explorer sidebar on the left shows the file structure with 'PRG1.txt', 'prg2.txt', 'PRG2.txt (deleted)', 'PRG3.txt', and 'README.md'. The main editor displays the code for 'prg2.txt'. The terminal window shows the output of 'git revert HEAD', indicating a fatal error due to a bad revision. It then shows the output of 'git revert HEAD' again, which successfully reverts the commit. The status bar at the bottom indicates 'Ln 29, Col 1', 'Spaces: 2', 'UTF-8', 'LF', 'Plain Text', 'AWS: (not connected)', 'Prettier', and a search icon.

```
Team12-DevOps > DevOps > prg2.txt
17  int a = 10;
18  int b = a;
19
20  function ProfitLoss = (a, b) => {

(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git revert HEAD -
fatal: bad revision '/home/vinita'
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git revert HEAD-
Auto-merging DevOps/prg2.txt
CONFLICT (content): Merge conflict in DevOps/prg2.txt
error: could not revert 0663a3b... typo error commit
hint: after resolving the conflicts, mark the corrected paths
hint: with 'git add <paths>' or 'git rm <paths>'
hint: and commit the result with 'git commit'
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git status
On branch master
Your branch is up to date with 'origin/master'.

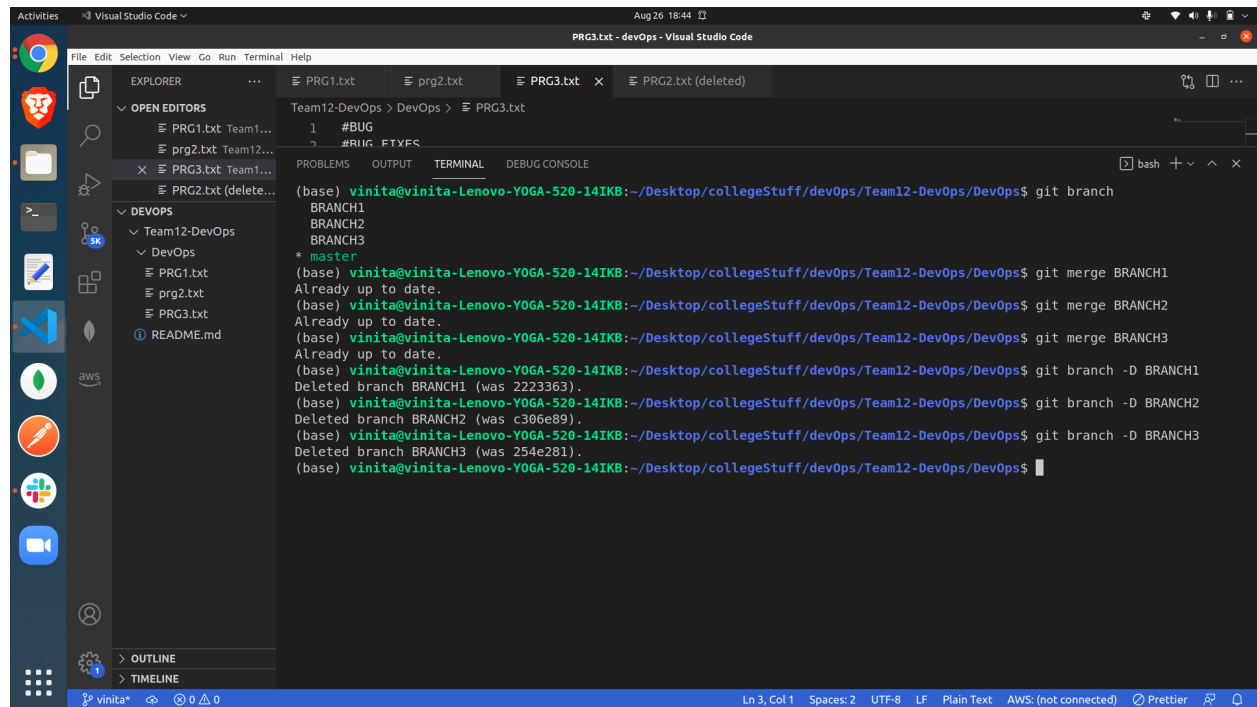
You are currently reverting commit 0663a3b.
(fix conflicts and run "git revert --continue")
(use "git revert --skip" to skip this patch)
(use "git revert --abort" to cancel the revert operation)

Unmerged paths:
  (use "git restore --staged <file>..." to unstage)
  (use "git add <file>..." to mark resolution)
    both modified:   prg2.txt

no changes added to commit (use "git add" and/or "git commit -a")
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
  add
```

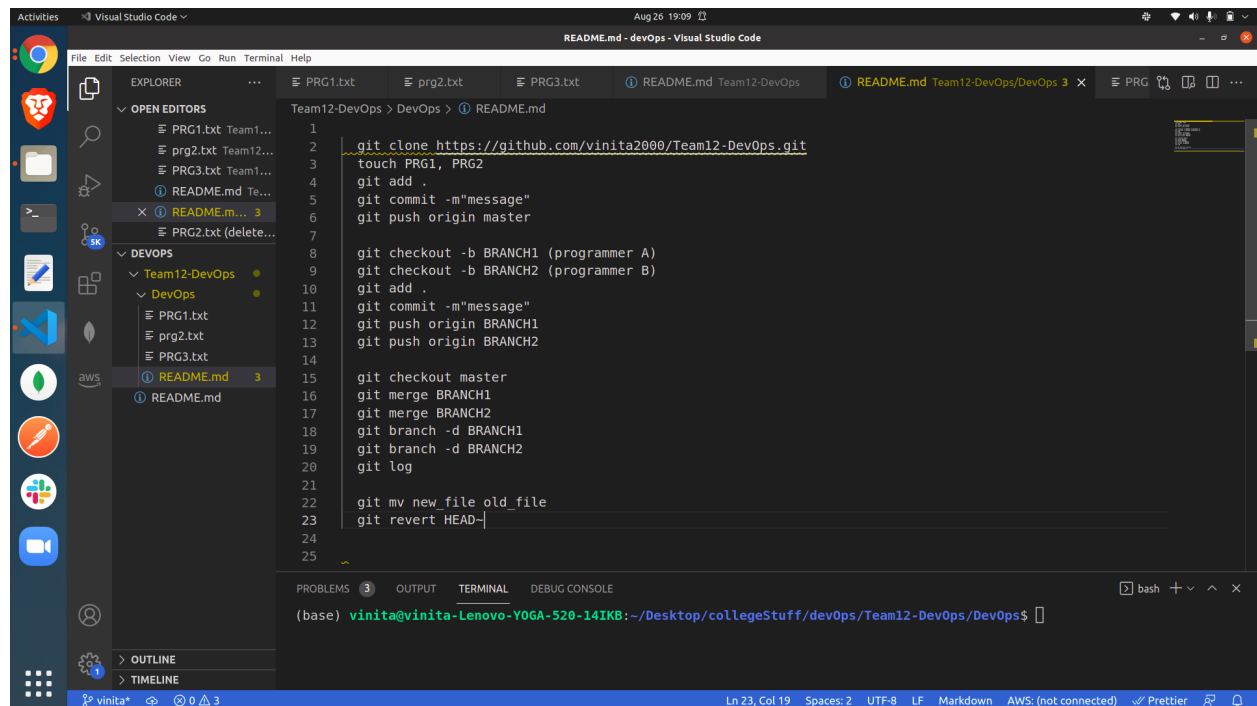
SCREENSHOT-7



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

```
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git branch
BRANCH1
BRANCH2
BRANCH3
* master
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git merge BRANCH1
Already up to date.
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git merge BRANCH2
Already up to date.
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git merge BRANCH3
Already up to date.
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git branch -D BRANCH1
Deleted branch BRANCH1 (was 2223363).
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git branch -D BRANCH2
Deleted branch BRANCH2 (was c306e89).
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$ git branch -D BRANCH3
Deleted branch BRANCH3 (was 254e281).
(base) vinita@vinita-Lenovo-YOGA-520-14IKB:~/Desktop/collegeStuff/devOps/Team12-DevOps/DevOps$
```

SCREENSHOT-8



The screenshot shows the Visual Studio Code interface with a README.md file open. The file contains the following git commands:

```
1 git clone https://github.com/vinita2000/Team12-DevOps.git
2 touch PRG1, PRG2
3 git add .
4 git commit -m"message"
5 git push origin master
6
7
8 git checkout -b BRANCH1 (programmer A)
9 git checkout -b BRANCH2 (programmer B)
10 git add .
11 git commit -m"message"
12 git push origin BRANCH1
13 git push origin BRANCH2
14
15 git checkout master
16 git merge BRANCH1
17 git merge BRANCH2
18 git branch -d BRANCH1
19 git branch -d BRANCH2
20 git log
21
22 git mv new_file old_file
23 git revert HEAD-]
24
25
```