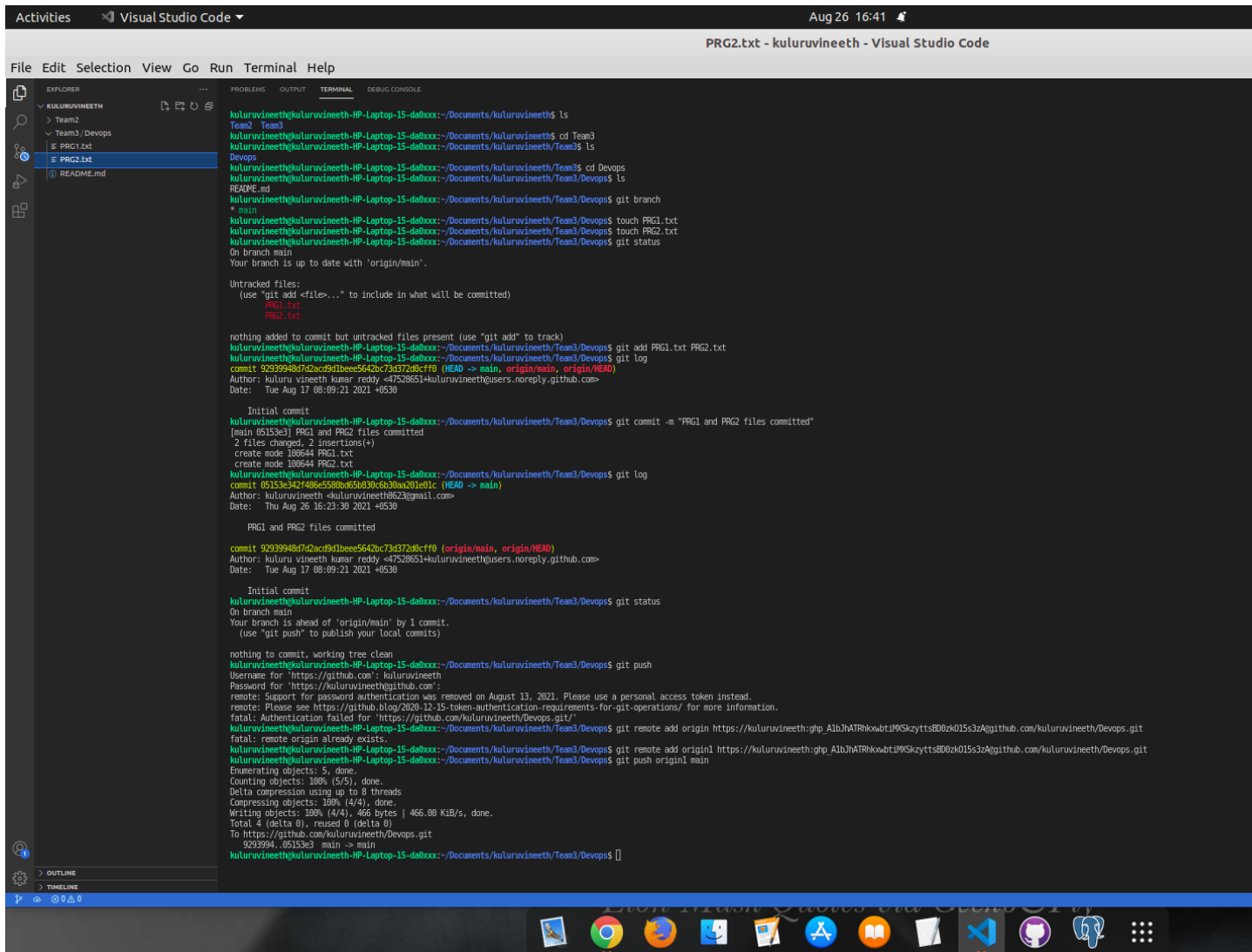


# Karthick P S(18bcs038)

## Kuluru Vineeth Kumar Reddy(18BCS043)

### Git and Github- Hackathon

#### Instruction 1:



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

```
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth$ ls
Team2 Team3
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth$ cd Team3
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3$ ls
Devops
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3$ cd Devops
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ ls
README.md
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git branch
* main
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ touch PRG1.txt
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ touch PRG2.txt
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    PRG1.txt
    PRG2.txt

nothing added to commit but untracked files present (use "git add" to track)
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git add PRG1.txt PRG2.txt
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git log
commit 9293994b07d2ac9d1bee5642bc73d972b0cf10 (HEAD -> main, origin/main, origin/HEAD)
Author: kuluru vineeth kumar reddy <47528651@kuluruvineethusers.noreply.github.com>
Date: Tue Aug 17 08:09:21 2021 +0530

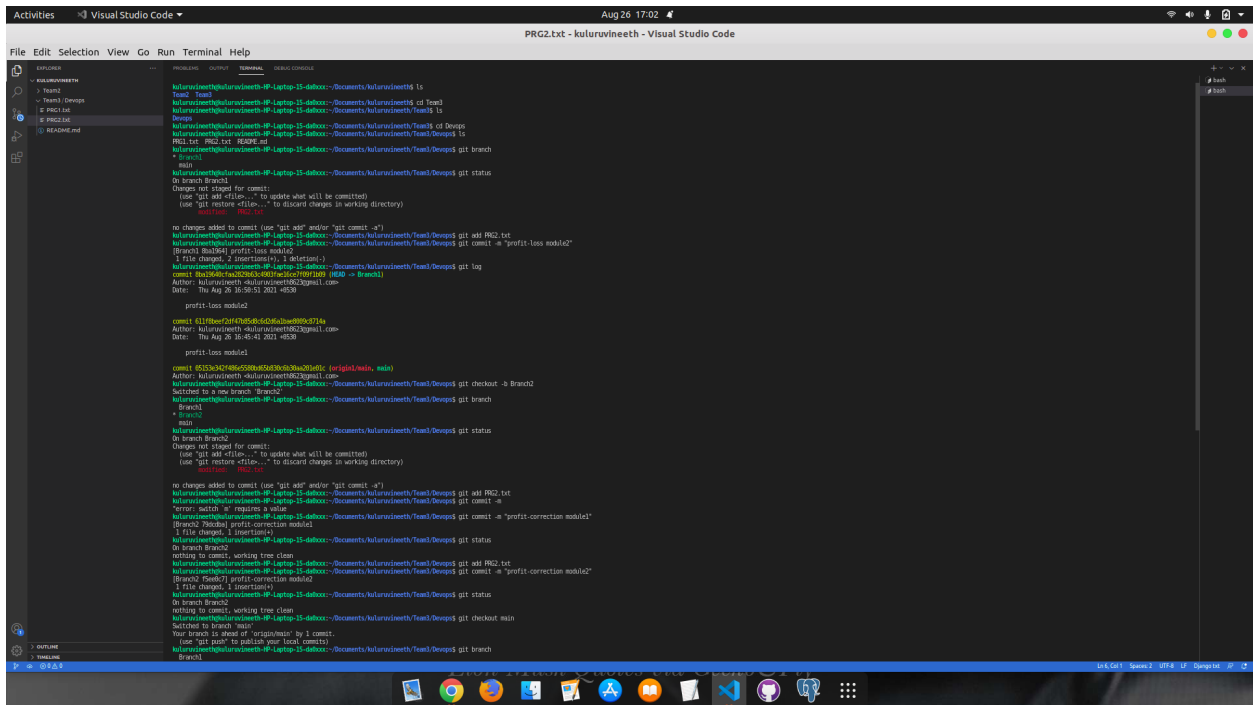
    Initial commit
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git commit -m "PRG1 and PRG2 files committed"
[main 05153e3] PRG1 and PRG2 files committed
 2 files changed, 2 insertions(+)
 create mode 100644 PRG1.txt
 create mode 100644 PRG2.txt
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git log
commit 05153e342f486e5580b65b8306b30aa201e01c (HEAD -> main)
Author: kuluruvineeth <kuluruvineeth8623@gmail.com>
Date: Thu Aug 26 16:23:30 2021 +0530

    PRG1 and PRG2 files committed
commit 9293994b07d2ac9d1bee5642bc73d972b0cf10 (origin/main, origin/HEAD)
Author: kuluru vineeth kumar reddy <47528651@kuluruvineethusers.noreply.github.com>
Date: Tue Aug 17 08:09:21 2021 +0530

    Initial commit
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git push
Username for 'https://github.com': kuluruvineeth
Password for 'https://kuluruvineeth@github.com':
remote: Support for password authentication was removed on August 13, 2021. Please use a personal access token instead.
fatal: Authentication failed for 'https://github.com/kuluruvineeth/Devops.git/'
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git remote add origin https://kuluruvineeth:ghp_A1b3HATRhkwbt1PWSkzytts80zk015c3a@github.com/kuluruvineeth/Devops.git
fatal: remote origin already exists.
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$ git remote add origin1 https://kuluruvineeth:ghp_A1b3HATRhkwbt1PWSkzytts80zk015c3a@github.com/kuluruvineeth/Devops.git
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 466 bytes | 466.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To https://github.com/kuluruvineeth/Devops.git
9293994..05153e3 main -> main
kuluruvineeth@kuluruvineeth-HP-Laptop-15-dabxxx:~/Documents/kuluruvineeth/Team3/Devops$
```

## Instruction 2:



```
File Edit Selection View Go Run Terminal Help
PRG2.txt - kurluvineeth - Visual Studio Code

EXPLORER
  kurluvineeth
    Team1/Deveps
      PRG2.txt
      README.md

TERMINAL
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth$ ls
  Team1
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth$ cd Team1
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1$ ls
  Deveps
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1$ cd Deveps
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ ls
  PRG1.txt  PRG2.txt  PRG2E.txt
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  * main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch main
  Changes not staged for commit:
    (use "git add ..." to update what will be committed)
    (use "git restore ..." to discard changes in working directory)
    modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git add PRG2.txt
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git commit -m "profit-loss module2"
[branch 8ba36d6c7a32863c4007e63c270f91a9] 1 file changed, 2 insertions(+), 1 deletion(-)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git log
commit 8ba36d6c7a32863c4007e63c270f91a9 (HEAD -> Branch1)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
Date: Thu Aug 26 16:50:51 2021 +0330

    profit-loss module2

commit 611f8e9f4f455b3c555a29a20e995714e
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
Date: Thu Aug 26 16:46:41 2021 +0330

    profit-loss module1

commit 611f8e9f4f455b3c555a29a20e995714e (origin/main, main)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git checkout -b Branch2
Switched to a new branch 'Branch2'
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  Branch1
  * Branch2
  main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch Branch2
  Changes not staged for commit:
    (use "git add ..." to update what will be committed)
    (use "git restore ..." to discard changes in working directory)
    modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git add PRG2.txt
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git commit -m "profit-correction module1"
[branch2 7f5e6b77] profit-correction module1
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch Branch2
  nothing to commit, working tree clean
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git add PRG2.txt
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git commit -m "profit-correction module2"
[branch2 7f5e6b77] profit-correction module2
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch Branch2
  nothing to commit, working tree clean
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  Branch1
  * main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git merge Branch1 Branch2
Updating 611363..7f5e6b7
Fast-forward
 PRG2.txt | 6 +
 1 file changed, 5 insertions(+), 1 deletion(-)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git push origin main
Enumerating objects: 14, done.
Compressing objects: 100% (14/14), done.
Delta compression using up to 8 threads
Writing objects: 100% (12/12), 4.00 KiB | 4.00 KiB/s, done.
Total 12 (delta 1), reused 0 (delta 0), remote: Resolving deltas: 100% (3/3), done.
To https://github.com:kurluvineeth/Deveps.git
 611363..7f5e6b7 main -> main
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  Branch1
  * main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch main
  Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)

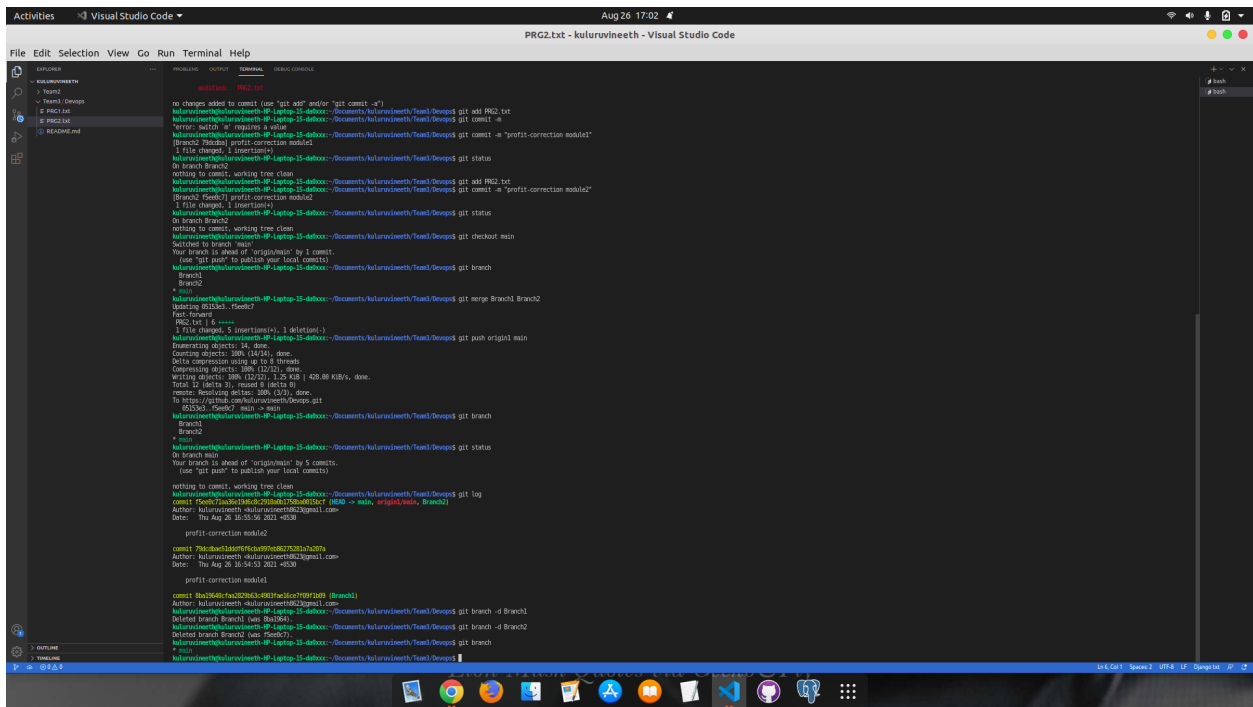
nothing to commit, working tree clean
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git log
commit 7f5e6b77a3631b4c8c202a6b170a0830c7 (HEAD -> main, origin/main, Branch1)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
Date: Thu Aug 26 16:55:50 2021 +0330

    profit-correction module2

commit 7f5e6b77a3631b4c8c202a6b170a0830c7 (Branch2)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
Date: Thu Aug 26 16:54:53 2021 +0330

    profit-correction module1

commit 8ba36d6c7a32863c4007e63c270f91a9 (Branch1)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch -d Branch1
Deleted branch Branch1 (was 8ba36d6)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch -d Branch2
Deleted branch Branch2 (was 7f5e6b7)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$
```



```
File Edit Selection View Go Run Terminal Help
PRG2.txt - kurluvineeth - Visual Studio Code

EXPLORER
  kurluvineeth
    Team1/Deveps
      PRG2.txt
      README.md

TERMINAL
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth$ ls
  Team1
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth$ cd Team1
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1$ ls
  Deveps
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1$ cd Deveps
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ ls
  PRG1.txt  PRG2.txt  PRG2E.txt
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  * main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch main
  Changes not staged for commit:
    (use "git add ..." to update what will be committed)
    (use "git restore ..." to discard changes in working directory)
    modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git add PRG2.txt
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git commit -m "profit-loss module2"
[branch 8ba36d6c7a32863c4007e63c270f91a9] 1 file changed, 2 insertions(+), 1 deletion(-)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git log
commit 8ba36d6c7a32863c4007e63c270f91a9 (HEAD -> Branch1)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
Date: Thu Aug 26 16:50:51 2021 +0330

    profit-loss module2

commit 611f8e9f4f455b3c555a29a20e995714e
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
Date: Thu Aug 26 16:46:41 2021 +0330

    profit-loss module1

commit 611f8e9f4f455b3c555a29a20e995714e (origin/main, main)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git checkout -b Branch2
Switched to a new branch 'Branch2'
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  Branch1
  * Branch2
  main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch Branch2
  Changes not staged for commit:
    (use "git add ..." to update what will be committed)
    (use "git restore ..." to discard changes in working directory)
    modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git add PRG2.txt
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git commit -m "profit-correction module1"
[branch2 7f5e6b77] profit-correction module1
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch Branch2
  nothing to commit, working tree clean
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git add PRG2.txt
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git commit -m "profit-correction module2"
[branch2 7f5e6b77] profit-correction module2
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch Branch2
  nothing to commit, working tree clean
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  Branch1
  * main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git merge Branch1 Branch2
Updating 611363..7f5e6b7
Fast-forward
 PRG2.txt | 6 +
 1 file changed, 5 insertions(+), 1 deletion(-)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git push origin main
Enumerating objects: 14, done.
Compressing objects: 100% (14/14), done.
Delta compression using up to 8 threads
Writing objects: 100% (12/12), 4.00 KiB | 4.00 KiB/s, done.
Total 12 (delta 1), reused 0 (delta 0), remote: Resolving deltas: 100% (3/3), done.
To https://github.com:kurluvineeth/Deveps.git
 611363..7f5e6b7 main -> main
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  Branch1
  * main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git status
  On branch main
  Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git log
commit 7f5e6b77a3631b4c8c202a6b170a0830c7 (HEAD -> main, origin/main, Branch1)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
Date: Thu Aug 26 16:55:50 2021 +0330

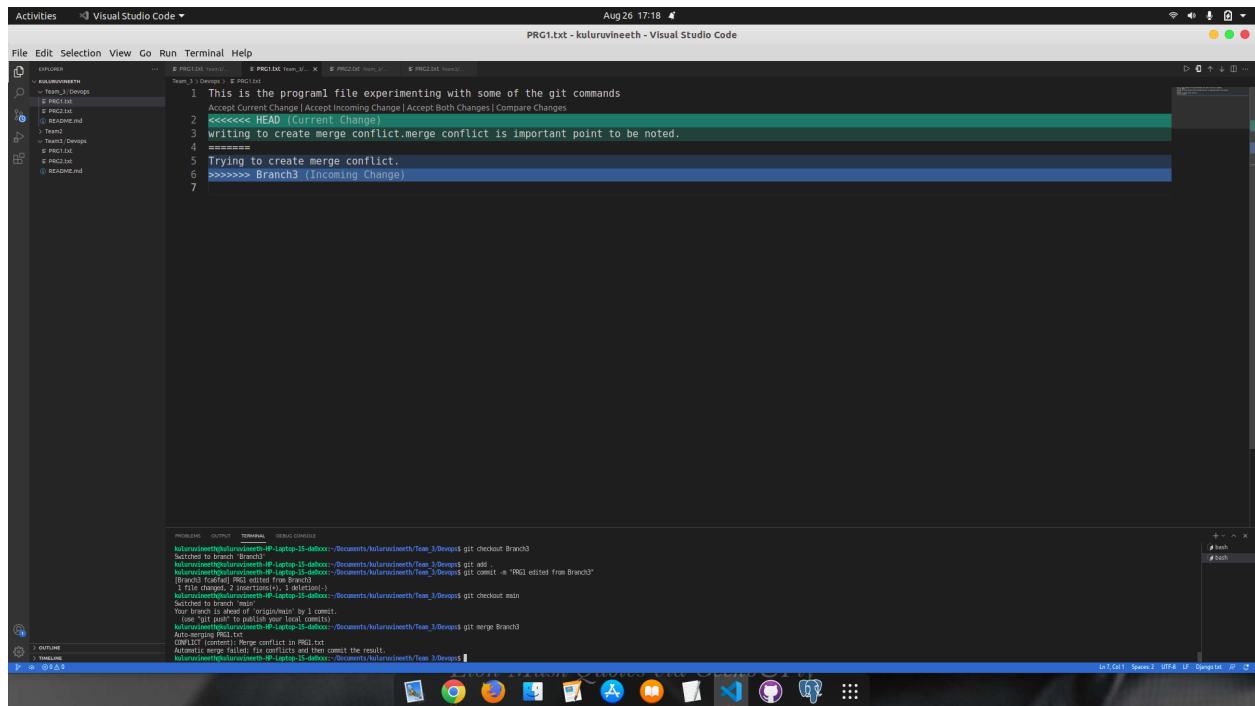
    profit-correction module2

commit 7f5e6b77a3631b4c8c202a6b170a0830c7 (Branch2)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
Date: Thu Aug 26 16:54:53 2021 +0330

    profit-correction module1

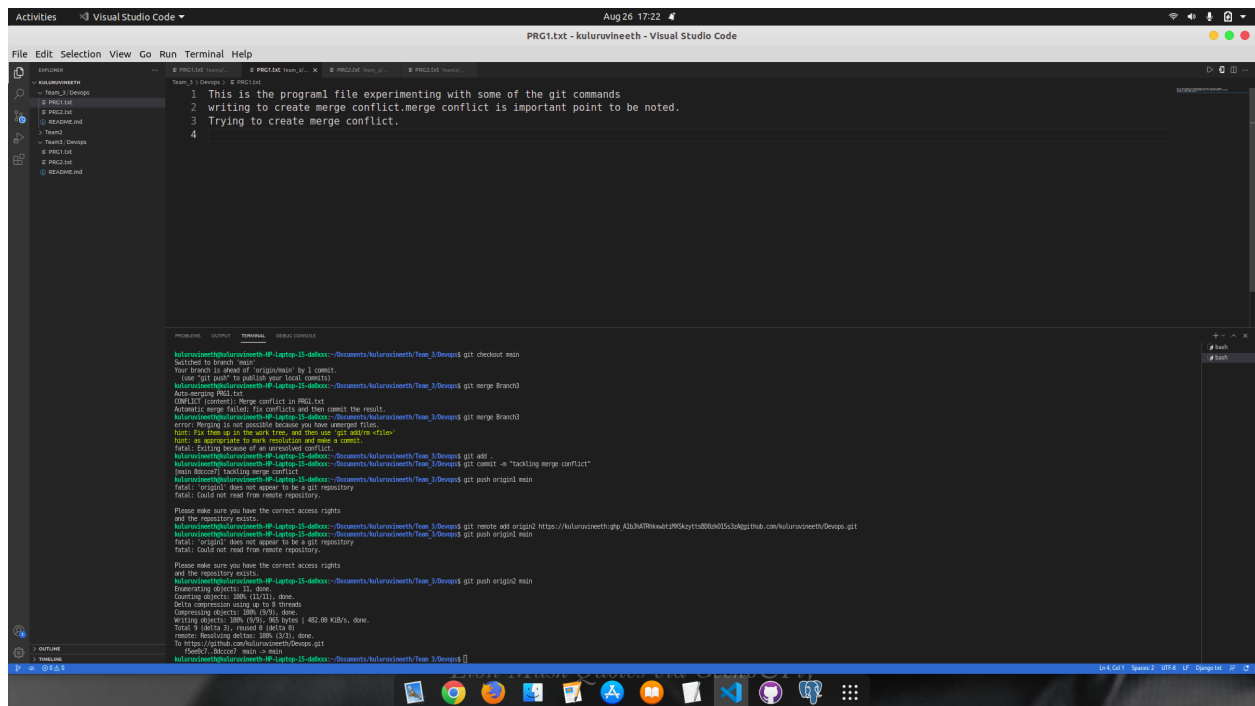
commit 8ba36d6c7a32863c4007e63c270f91a9 (Branch1)
Author: kurluvineeth <kurluvineeth@2021@gmail.com>
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch -d Branch1
Deleted branch Branch1 (was 8ba36d6)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch -d Branch2
Deleted branch Branch2 (was 7f5e6b7)
kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$ git branch
  main
  kurluvineeth@kurluvineeth-HP-Laptop-15-delta:~/Documents/kurluvineeth/Team1/Deveps$
```

## Instruction 3:



```
1 This is the program1 file experimenting with some of the git commands
2 ===== HEAD (current Change)
3 writing to create merge conflict.merge conflict is important point to be noted.
4 =====
5 Trying to create merge conflict.
6 >>>>> Branch3 (Incoming Change)
7
```

```
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git checkout Branch3
Switched to branch 'Branch3'
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git add .
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git commit -m "PRG1 edited from Branch3"
[Branch3 706af4] PRG1 edited from Branch3
 1 file changed, 2 insertions(+), 1 deletion(-)
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
Use 'git push' to publish your local commits.
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git merge Branch3
Auto-merging PRG1.txt
CONFLICT (content): Merge conflict in PRG1.txt
Automatic merge failed; fix conflicts and then commit the result.
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$
```



```
1 This is the program1 file experimenting with some of the git commands
2 writing to create merge conflict.merge conflict is important point to be noted.
3 Trying to create merge conflict.
4
```

```
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
Use 'git push' to publish your local commits.
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git merge Branch3
Auto-merging PRG1.txt
CONFLICT (content): Merge conflict in PRG1.txt
Automatic merge failed; fix conflicts and then commit the result.
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git merge Branch3
error: merging is not possible because you have unmerged files.
hint: fix them up in the work tree, and then use 'git add' to mark them as resolved.
hint: or, use 'git checkout --' to discard changes in working directory.
fatal: falling back to work tree and mark as a conflict.
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git add .
main branch/ failing merge conflict
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git commit -m "failing merge conflict"
main branch/ failing merge conflict
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git push origin main
fatal: 'origin' does not appear to be a git repository
fatal: could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git remote add origin2 https://kuluruvineeth.github.io/Reksoft190Keyrctt3B0u0253aHgq3hub.com/kuluruvineeth/Devops.git
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git push origin2 main
fatal: 'origin2' does not appear to be a git repository
fatal: could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$ git push origin2 main
Enumerating objects: 11, done.
Counting objects: 300k (1/11), done.
Delta compression using up to 8 threads.
Compressing objects: 300k (0/3), done.
Writing objects: 300k (0/3), 961 bytes | 402.00 KiB/s, done.
Total 3 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 0/0, done.
To https://github.com/kuluruvineeth/Devops.git
 0cf6f1f..0cf6f1f main -> main
kuluruvineeth@kuluruvineeth-HP-Laptop-15-delta:~/Documents/kuluruvineeth/Team_3/Devops$
```

## Instruction 4:

```
Team_3_Devops % git init
Initialized empty Git repository in /home/kulurvineeth/Team_3_Devops/.git/
Team_3_Devops % git add .
Team_3_Devops % git commit -m "Initial commit"
[master (root-commit) 1a1a1a1] 1 file changed, 1 insertion(+)
Team_3_Devops % git push
Enumerating objects: 3, done.
Counting objects: 300 (50%), done.
Delta compression using up to 8 threads
Compressing objects: 300 (50%), done.
Writing objects: 300 (50%), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote: Resolving deltas: 0.00s (100%), completed with 1 local object.
remote: Create a pull request for 'master' on GitHub by visiting:
https://github.com/kulurvineeth/Team_3_Devops/pull/new/master
remote:
To https://github.com/kulurvineeth/Team_3_Devops.git
 * [new branch]      master -> master
Team_3_Devops % git branch
* master
Team_3_Devops % git branch newBranch
Team_3_Devops % git checkout newBranch
Switched to branch 'newBranch'
Team_3_Devops % git status
On branch newBranch
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)
        prg2.txt

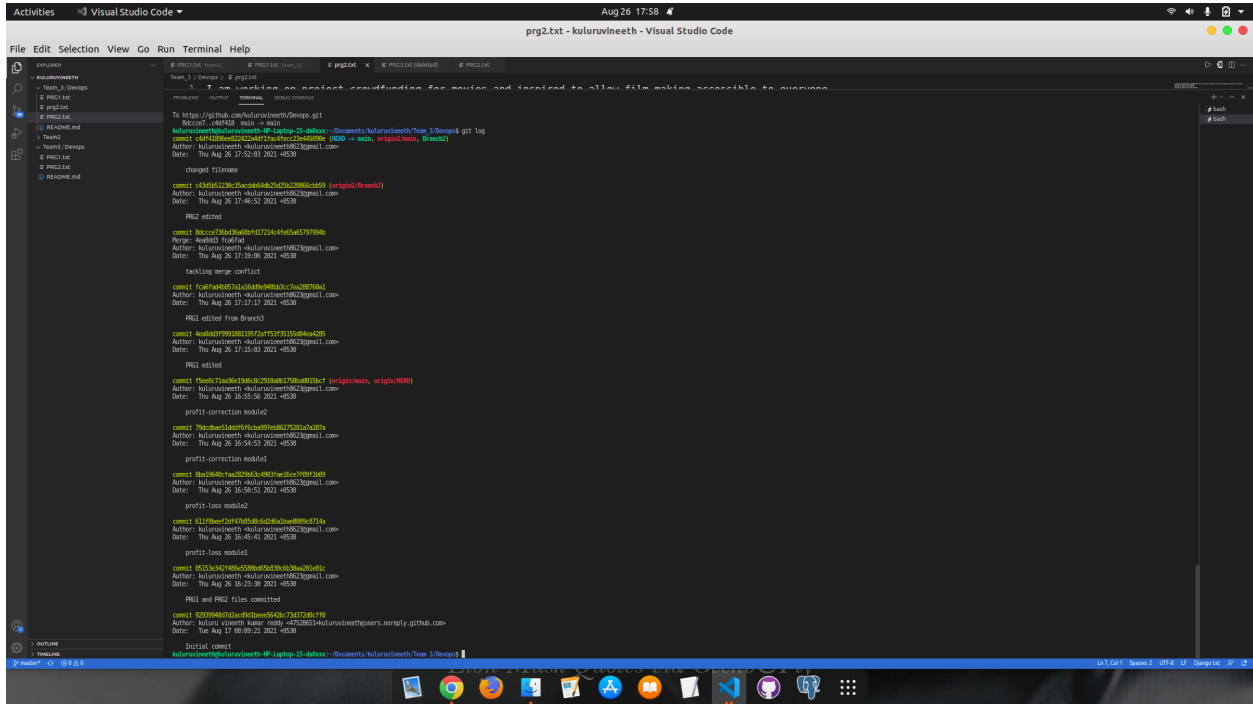
no changes added to commit (use "git add" and/or "git commit -a")
Team_3_Devops % git add .
Team_3_Devops % git commit -m "Changes to README.md and prg2.txt"
[newBranch 6a1a1a1] 2 files changed, 6 insertions(+)
Team_3_Devops % git push
Enumerating objects: 3, done.
Counting objects: 300 (50%), done.
Delta compression using up to 8 threads
Compressing objects: 300 (50%), done.
Writing objects: 300 (50%), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote: Resolving deltas: 0.00s (100%), completed with 1 local object.
remote:
To https://github.com/kulurvineeth/Team_3_Devops.git
 * [new branch]      newBranch -> newBranch
Team_3_Devops % git merge newBranch
Fast-forward
   6a1a1a1..6a1a1a1 prg2.txt
   1 file changed, 6 insertions(+)
Team_3_Devops % git push
Enumerating objects: 3, done.
Counting objects: 300 (50%), done.
Delta compression using up to 8 threads
Compressing objects: 300 (50%), done.
Writing objects: 300 (50%), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote: Resolving deltas: 0.00s (100%), completed with 1 local object.
remote:
To https://github.com/kulurvineeth/Team_3_Devops.git
 * [new branch]      newBranch -> newBranch
```

```
Team_3_Devops % git init
Initialized empty Git repository in /home/kulurvineeth/Team_3_Devops/.git/
Team_3_Devops % git add .
Team_3_Devops % git commit -m "Initial commit"
[master (root-commit) 1a1a1a1] 1 file changed, 1 insertion(+)
Team_3_Devops % git push
Enumerating objects: 3, done.
Counting objects: 300 (50%), done.
Delta compression using up to 8 threads
Compressing objects: 300 (50%), done.
Writing objects: 300 (50%), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote: Resolving deltas: 0.00s (100%), completed with 1 local object.
remote:
To https://github.com/kulurvineeth/Team_3_Devops.git
 * [new branch]      master -> master
Team_3_Devops % git branch newBranch
Team_3_Devops % git checkout newBranch
Switched to branch 'newBranch'
Team_3_Devops % git status
On branch newBranch
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

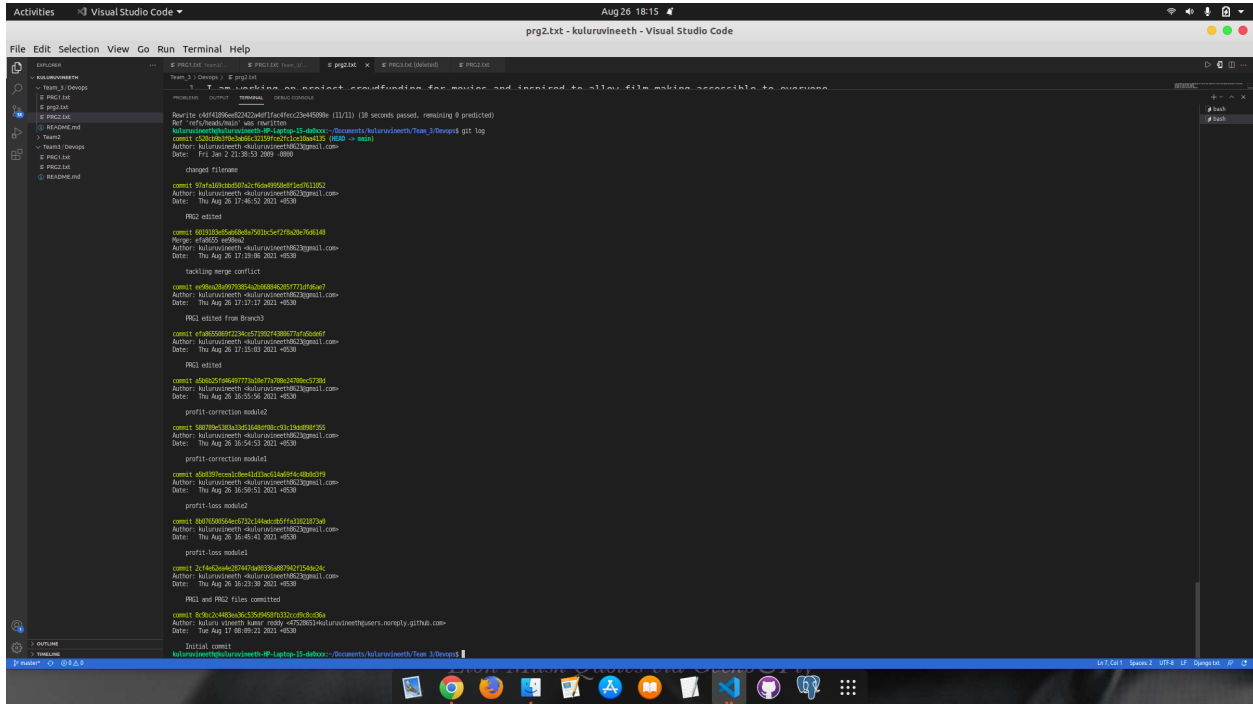
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        prg2.txt

no changes added to commit (use "git add" and/or "git commit -a")
Team_3_Devops % git add .
Team_3_Devops % git commit -m "Changes to README.md and prg2.txt"
[newBranch 6a1a1a1] 2 files changed, 6 insertions(+)
Team_3_Devops % git push
Enumerating objects: 3, done.
Counting objects: 300 (50%), done.
Delta compression using up to 8 threads
Compressing objects: 300 (50%), done.
Writing objects: 300 (50%), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote: Resolving deltas: 0.00s (100%), completed with 1 local object.
remote:
To https://github.com/kulurvineeth/Team_3_Devops.git
 * [new branch]      newBranch -> newBranch
Team_3_Devops % git merge newBranch
Fast-forward
   6a1a1a1..6a1a1a1 prg2.txt
   1 file changed, 6 insertions(+)
Team_3_Devops % git push
Enumerating objects: 3, done.
Counting objects: 300 (50%), done.
Delta compression using up to 8 threads
Compressing objects: 300 (50%), done.
Writing objects: 300 (50%), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote: Resolving deltas: 0.00s (100%), completed with 1 local object.
remote:
To https://github.com/kulurvineeth/Team_3_Devops.git
 * [new branch]      newBranch -> newBranch
```

## Instruction 5:



### Instruction 6:



The screenshot shows a Visual Studio Code window with a terminal displaying a series of git commands and their outputs. The commands include `git reset --soft HEAD-1`, `git log`, `git checkout`, `git merge`, `git commit`, and `git push`. The outputs show the state of the repository, including the current branch, commit messages, and the list of files. The browser window shows the Tower Git client website, which has a header with the Tower logo and navigation links. The main content area is titled "Undoing the Last Commit" and contains a paragraph explaining that there are situations where you want to undo the last commit, such as restructuring or discarding it. It then states that the "reset" command is the best friend for this. Below the text is a code block showing the command `$ git reset --soft HEAD-1`. The footer of the website has a link to "Download Now for Free" and social media icons for Twitter, Facebook, and LinkedIn.

The screenshot shows the Visual Studio Code window with the terminal output of the `git reset --soft HEAD-1` command. The output shows that the repository is now at the previous commit, and the changes from the last commit are staged for the next commit. The terminal output includes the following lines:

```
commit 80826483636559d9593132c0f0b0c0a
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Thu Aug 26 17:46:52 2021 +0530

PRQ2 edited

commit 603313b456d6b9781bc5ef2f6a3e76d48
Merge: ef485 edited
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Thu Aug 26 17:13:49 2021 +0530

taking merge conflict

commit e08a36a097956a3684626777f96a7
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Thu Aug 26 17:13:47 2021 +0530

PRQ1 edited from Branch3

commit ef4850992726c571092430877b7d6a9f
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Thu Aug 26 17:13:00 2021 +0530

PRQ1 edited

commit a0625f66697773b76779b2470bc5738
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Thu Aug 26 16:55:58 2021 +0530

profit-correction modik2

commit 58070c313131f164b9b8c5b13a89f755
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Thu Aug 26 16:54:53 2021 +0530

profit-correction modik1

commit a0d89f6c1b0e411bc11649f6-4b4b0f9
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Thu Aug 26 16:56:53 2021 +0530

profit-loss modik2

commit 807050566e072c2446a85f1a321873a8
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Thu Aug 26 16:46:43 2021 +0530

profit-loss modik1

commit 2f46b3a637474a8839a879d2f2d6a2c
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Thu Aug 26 16:23:30 2021 +0530

PRQ1 and PRQ2 files committed

commit 80826483636559d9593132c0f0b0c0a
Author: kulurvineeth <kulurvineeth@gmail.com>
Date:   Tue Aug 17 08:09:23 2021 +0530

Initial commit
```

## Instruction 7:

**Instruction 8:**