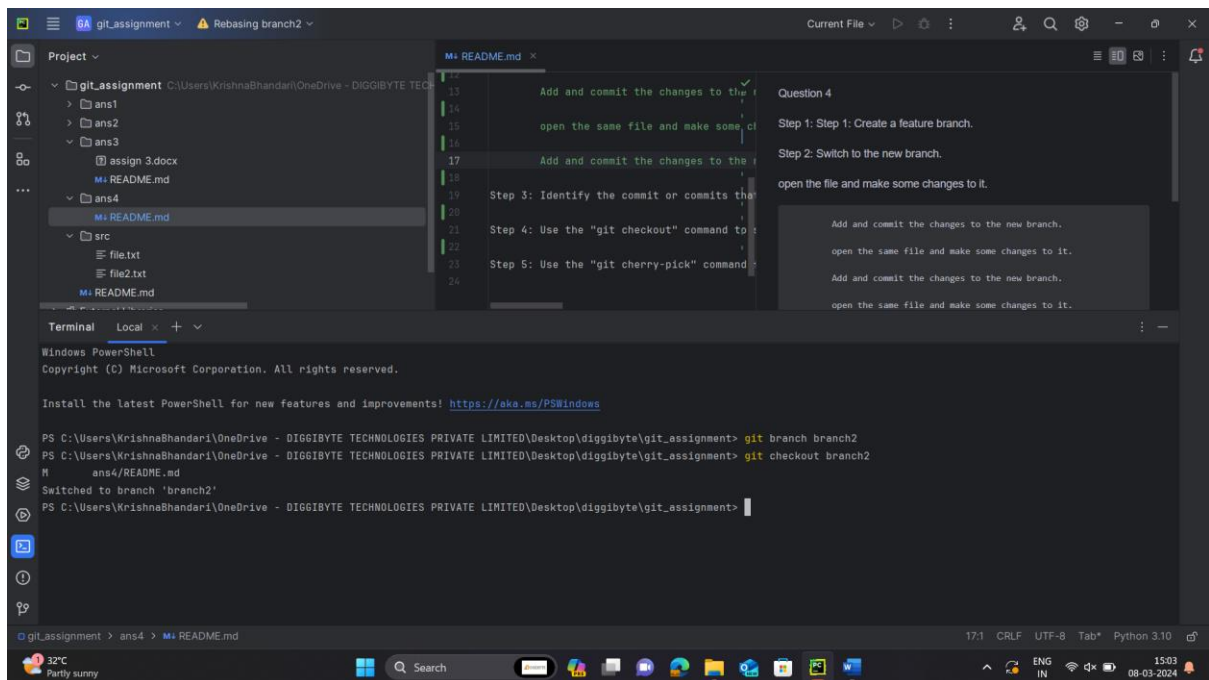


Question 4

Step 1: Step 1: Create a feature branch.

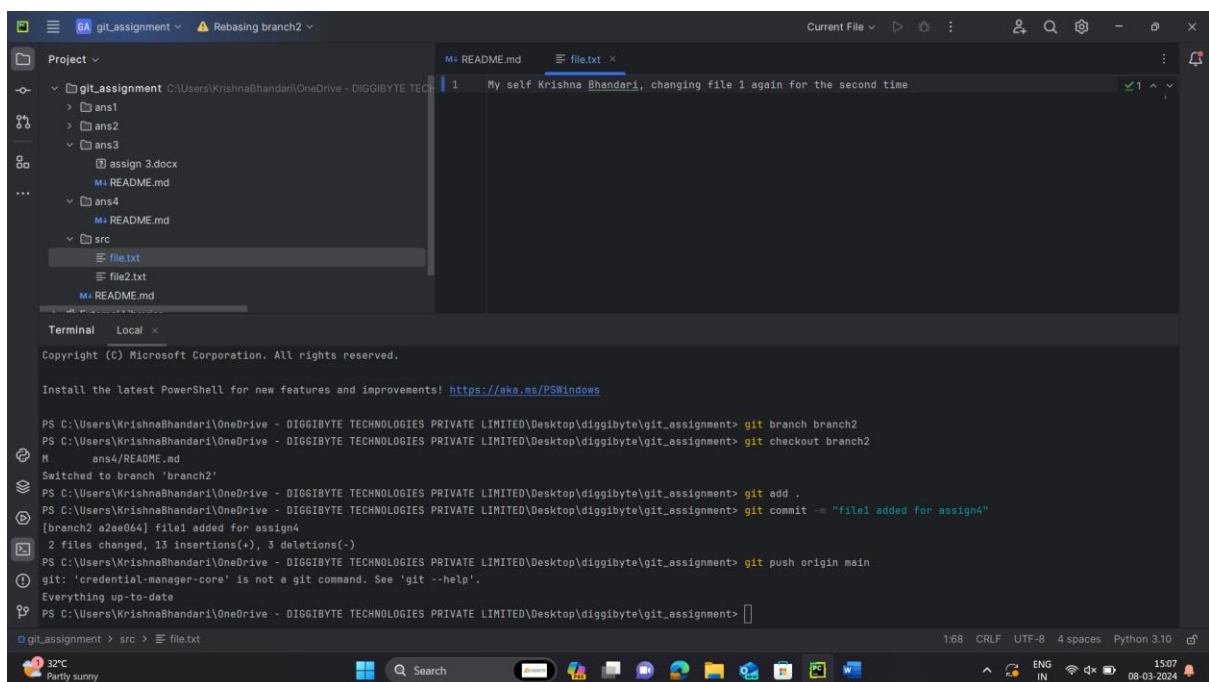
Step 2: Switch to the new branch.



open the file and make some changes to it.

Add and commit the changes to the new branch.

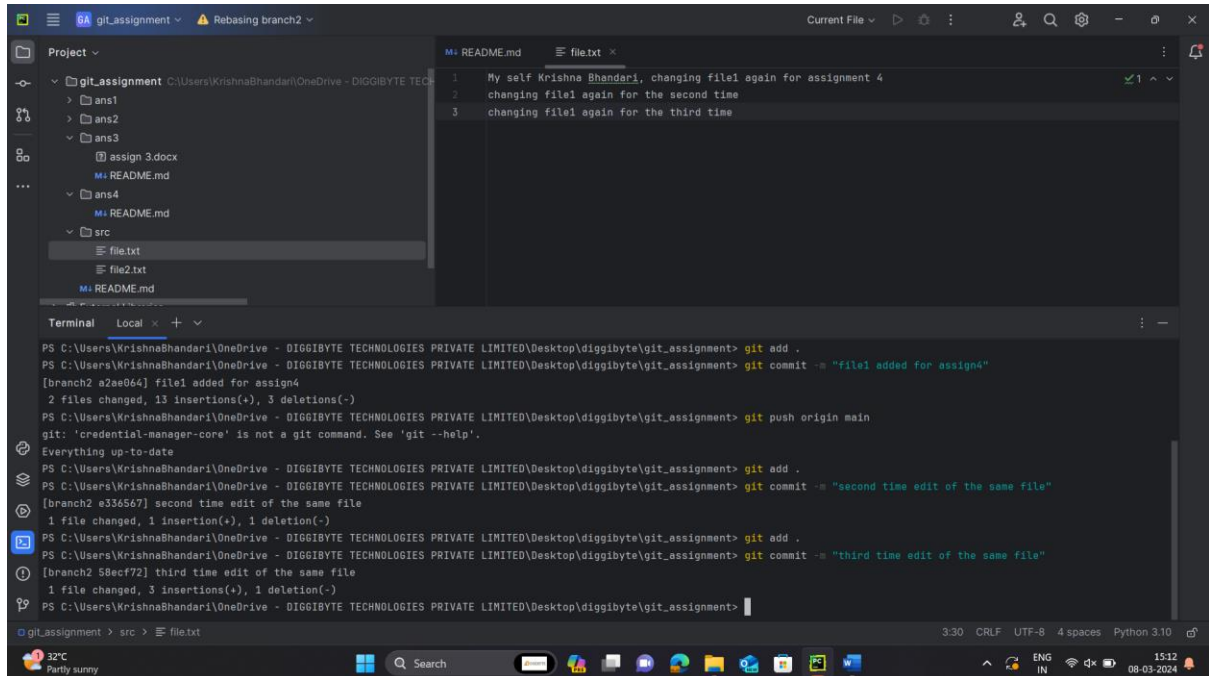
open the same file and make some changes to it.



Add and commit the changes to the new branch.

open the same file and make some changes to it.

Add and commit the changes to the new branch.



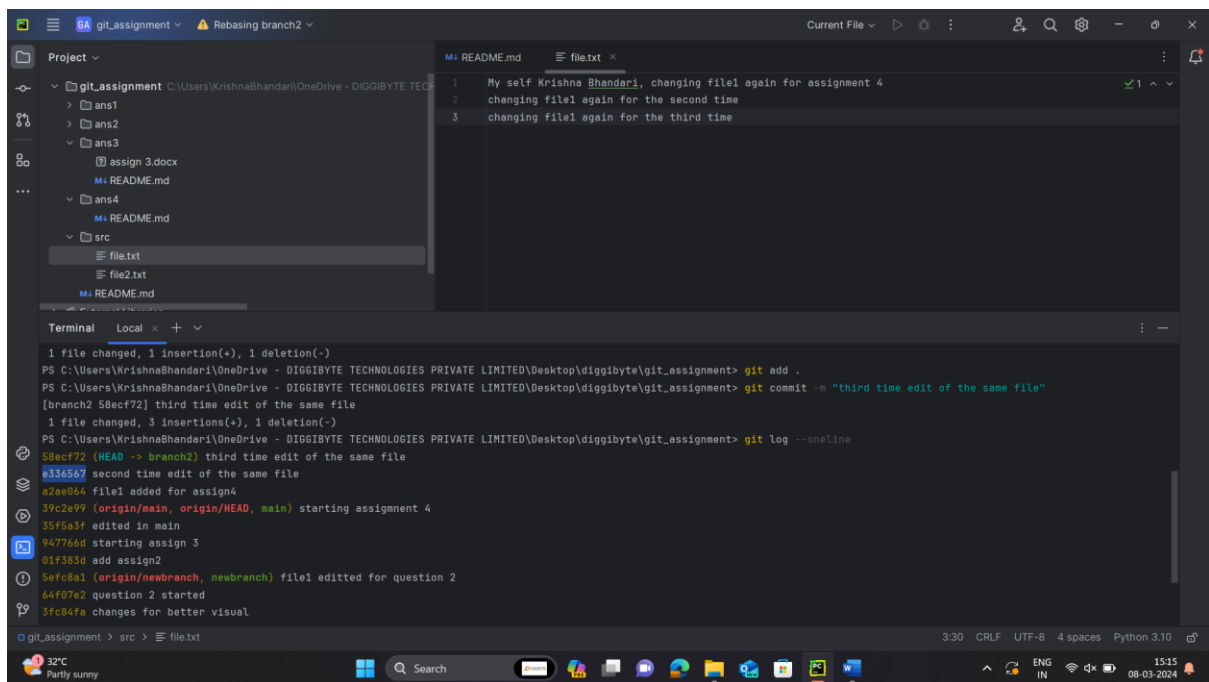
The screenshot shows the Visual Studio Code interface with a project named 'git_assignment'. The file explorer on the left shows a directory structure with files like 'ans1', 'ans2', 'ans3', 'assign 3.docx', 'README.md', 'src', 'file.txt', 'file2.txt', and 'README.md'. The main editor window shows 'file.txt' with the following content:

```
1 My self Krishna Bhandari, changing file1 again for assignment 4
2 changing file1 again for the second time
3 changing file1 again for the third time
```

The terminal window at the bottom shows the following commands and output:

```
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git add .
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git commit -m "file1 added for assign4"
[branch2 a2ae064] file1 added for assign4
2 files changed, 13 insertions(+), 3 deletions(-)
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git push origin main
git: 'credential-manager-core' is not a git command. See 'git --help'.
Everything up-to-date
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git add .
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git commit -m "second time edit of the same file"
[branch2 e336567] second time edit of the same file
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git add .
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git commit -m "third time edit of the same file"
[branch2 58ecf72] third time edit of the same file
1 file changed, 3 insertions(+), 1 deletion(-)
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment>
```

Step 3: Identify the commit or commits that you want to "cherry-pick"(Note the hash of the commit or commits that you want to "cherry-pick")

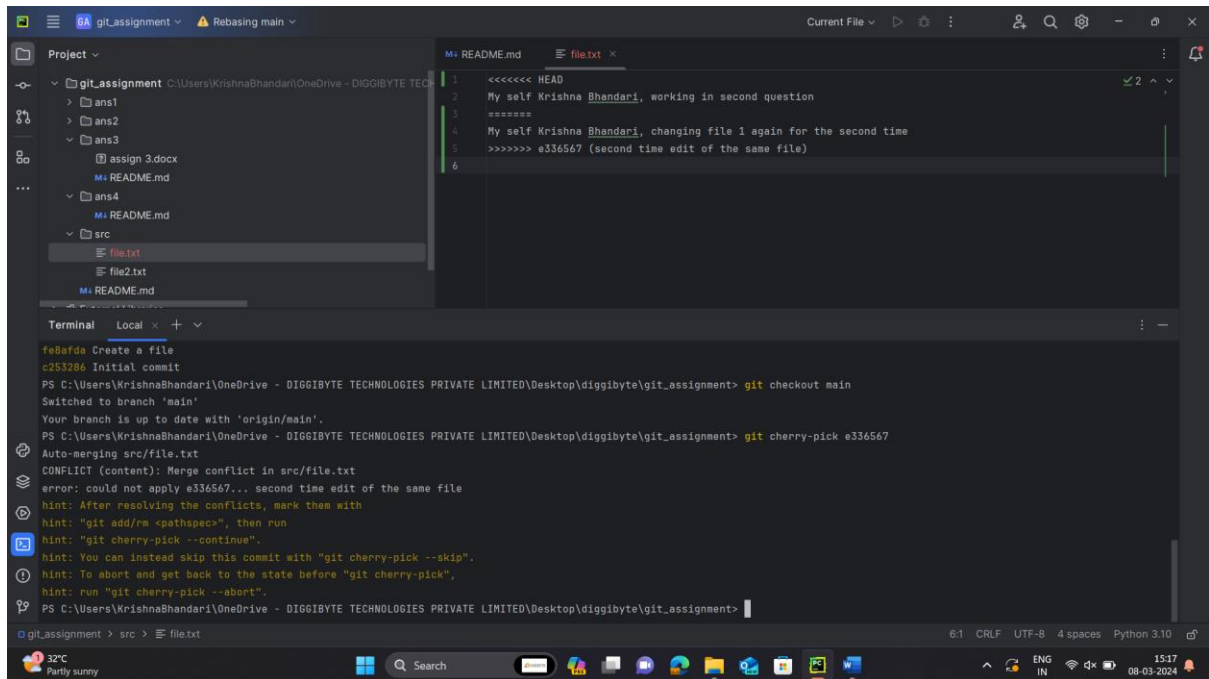


The screenshot shows the Visual Studio Code interface with the same project. The file explorer and main editor window are the same as in the previous screenshot. The terminal window shows the following commands and output:

```
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git add .
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git commit -m "third time edit of the same file"
[branch2 58ecf72] third time edit of the same file
1 file changed, 3 insertions(+), 1 deletion(-)
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git log --oneline
58ecf72 (HEAD -> branch2) third time edit of the same file
e336567 second time edit of the same file
a2ae064 file1 added for assign4
39c2e99 (origin/main, origin/HEAD, main) starting assignment 4
35f5a3f edited in main
947766d starting assign 3
01f383d add assign2
5efc8a1 (origin/newbranch, newbranch) file1 edited for question 2
64f07e2 question 2 started
3fc06fa changes for better visual
```

Step 4: Use the "git checkout" command to switch to the branch where you want to apply the changes.

Step 5: Use the "git cherry-pick" command followed by the commit hash(es) that you want to apply.

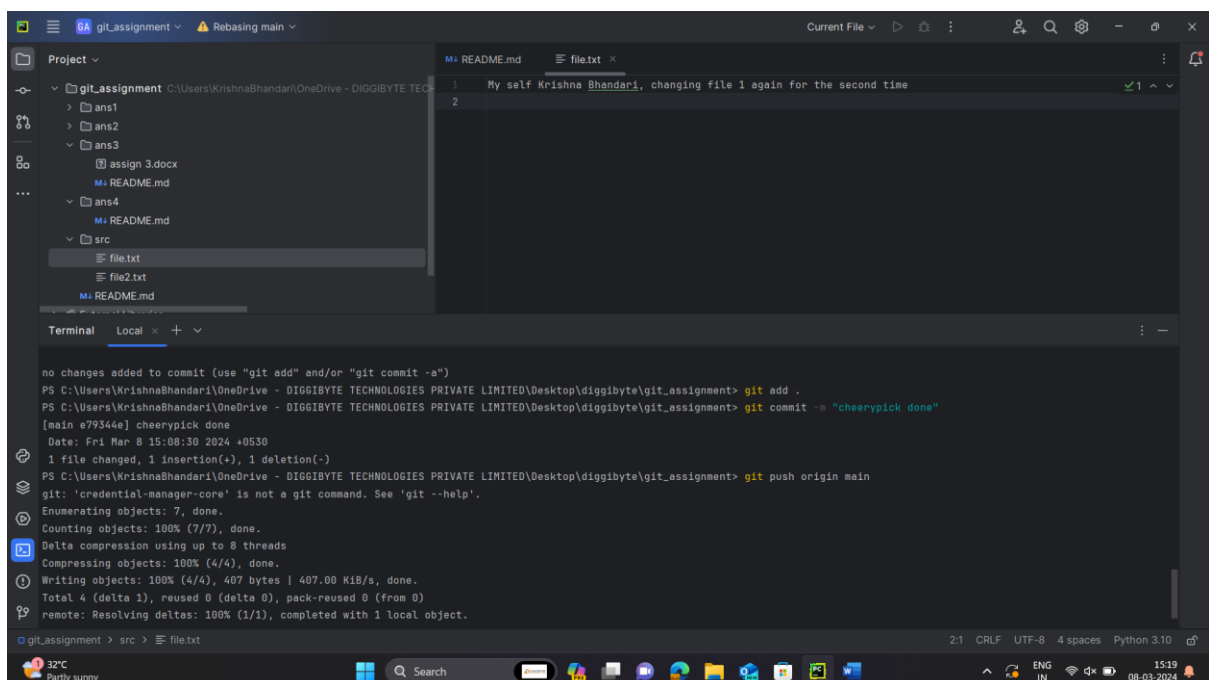


The screenshot shows the VS Code interface with a project named 'git_assignment'. The file explorer on the left shows a directory structure with files like 'ans1', 'ans2', 'ans3', 'assign 3.docx', 'README.md', 'src', 'file.txt', and 'file2.txt'. The main editor shows 'file.txt' with the following content:

```
1 <<<<<< HEAD
2 My self Krishna Bhandari, working in second question
3 =====
4 My self Krishna Bhandari, changing file 1 again for the second time
5 >>>>>> e336567 (second time edit of the same file)
6
```

The terminal at the bottom shows the following commands and output:

```
fe8afda Create a file
e253286 Initial commit
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git cherry-pick e336567
Auto-merging src/file.txt
CONFLICT (content): Merge conflict in src/file.txt
error: could not apply e336567... second time edit of the same file
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".
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment>
```



The screenshot shows the VS Code interface with the same project. The main editor shows 'file.txt' with the following content:

```
1 My self Krishna Bhandari, changing file 1 again for the second time
2
```

The terminal at the bottom shows the following commands and output:

```
no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git add .
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git commit -m "cherry-pick done"
[main e79344e] cherry-pick done
Date: Fri Mar 8 15:08:30 2024 +0530
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\KrishnaBhandari\OneDrive - DIGGIBYTE TECHNOLOGIES PRIVATE LIMITED\Desktop\diggibyte\git_assignment> git push origin main
git: 'credential-manager-core' is not a git command. See 'git --help'.
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 407 bytes | 407.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
```

