```
Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive
$ pwd
/c/Users/Soumya R. Upadhyaya/OneDrive

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive
$ cd desktop/gitassignment2

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2
$ git init
Initialized empty Git repository in C:/Users/Soumya R. Upadhyaya/OneDrive/Desktop/gitassignment2/.git/
```

```
Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main)
$ echo "This is the main version of file." > file.txt

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main)
$ git add file.txt
warning: in the working copy of 'file.txt', LF will be replaced by CRLF the next time Git touches it

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main)
$ git commit -m "Initial commit: Add file.txt"
[main (root-commit) 5850aab] Initial commit: Add file.txt
 1 file changed, 1 insertion(+)
 create mode 100644 file.txt
```

```
Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main)
$ git checkout -b new-update
Switched to a new branch 'new-update'
```

```
Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (new-update)
$ echo "New Branch update line. " >> file.txt

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (new-update)
$ git add file.txt
warning: in the working copy of 'file.txt', LF will be replaced by CRLF the next time Git touches it

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (new-update)
$ git commit -m "Update file.txt in new branch"
[new-update b2347d5] Update file.txt in new branch
 1 file changed, 1 insertion(+)
```

```
Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (new-update)
$ git checkout main
Switched to branch 'main'

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main)
$ echo "Main branch conflicting line. " >> file.txt

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main)
$ git add file.txt
warning: in the working copy of 'file.txt', LF will be replaced by CRLF the next time Git touches it

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main)
$ git commit -m "Conflicting update in main branch"
[main f849ec4] Conflicting update in main branch
 1 file changed, 1 insertion(+)
```

```
Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main)
$ git merge new-update
Auto-merging file.txt
CONFLICT (content): Merge conflict in file.txt
Automatic merge failed; fix conflicts and then commit the result.
```

File   Edit   View

This is the main version of file.
<<<<<<< HEAD
Main branch conflicting line.
=======
New Branch update line.
>>>>>> new-update

File   Edit   View

This is the main version of file.
Main branch conflicting line.
New Branch update line.

```
Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main|MERGING)
$ git add file.txt

Soumya R. Upadhyaya@LAPTOP-56IEC71I MINGW64 ~/OneDrive/desktop/gitassignment2 (main|MERGING)
$ git commit -m "Merge new-update into main and resolve conflict"
[main 58acd98] Merge new-update into main and resolve conflict
```