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DIPYAMAN SAHU@MSI MINGW64 ~ (main)
$ pwd
/c/Users/DIPYAMAN SAHU

DIPYAMAN SAHU@MSI MINGW64 ~ (main)
$ cd desktop/Gitassignment

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main)
$ git init
Initialized empty Git repository in c:/Users/DIPYAMAN SAHU/Desktop/Gitassignment/.git/

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main)
$ echo "Hi, this is the main branch. " > file.txt

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main)
$ git status
On branch main

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (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

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main)
$ git commit -m "Initial commit with file.txt"
[main (root-commit) 18e6f39] Initial commit with file.txt
 1 file changed, 1 insertion(+)
 create mode 100644 file.txt

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main)
$ git checkout -b new-branch
Switched to a new branch 'new-branch'

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (new-branch)
$ echo "This is an additional line from new-branch. " >> file.txt

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (new-branch)
$ cat file.txt
Hi, this is the main branch.
This is an additional line from new-branch.

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (new-branch)
$ git add file.txt
warning: in the working copy of 'file.txt', LF will be replaced by CRLF the next time Git touches it

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (new-branch)
$ git commit -m "Added a line in Feature-branch"
[new-branch 0656310] Added a line in Feature-branch
 1 file changed, 1 insertion(+)
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DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (new-branch)
$ git checkout main
Switched to branch 'main'

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main)
$ echo "This is a major change from main branch. " >> file.txt

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (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

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main)
$ git commit -m "Updated file.txt in main branch"
[main d06ae11] Updated file.txt in main branch
1 file changed, 1 insertion(+)

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main)
$ git merge new-branch
Auto-merging file.txt
CONFLICT (content): Merge conflict in file.txt
Automatic merge failed; fix conflicts and then commit the result.

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main|MERGING)
$ notepad file.txt
```

```
DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main|MERGING)
$ pwd
/c/Users/DIPYAMAN SAHU/desktop/Gitassignment

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main|MERGING)
$ git add file.txt

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main|MERGING)
$ git commit -m "Resolved merge conflict and merged new-branch "
[main 78143ed] Resolved merge conflict and merged new-branch

DIPYAMAN SAHU@MSI MINGW64 ~/desktop/Gitassignment (main)
$ git log --oneline --graph --all
* 78143ed (HEAD -> main) Resolved merge conflict and merged new-branch
|\
| * 0656310 (new-branch) Added a line in feature-branch
* | d06ae11 Updated file.txt in main branch
|/
* 18e6f39 Initial commit with file.txt
```