**Steps:**

1. Create folder HandsOn3 and initialize Git:

* mkdir HandsOn3 && cd HandsOn3
* git init
* git branch -M main

2. Create mainfile.txt in main branch and commit:

* echo "This is main branch content" > mainfile.txt
* git add mainfile.txt
* git commit -m "Add mainfile.txt in main branch"

3. Create and switch to branch GitNewBranch:

* git checkout -b GitNewBranch

4. Create branchfile.txt in GitNewBranch and commit:

* echo "This is GitHandsOn3 file on GitNewBranch" > branchfile.txt
* git add branchfile.txt
* git commit -m "Add branchfile.txt in GitNewBranch"

5. Switch back to main and merge GitNewBranch:

* git checkout main
* git merge GitNewBranch

6. Verify both files exist in main:

* ls

7. Compare differences between trunk and branch (CLI)

* git diff main..GitNewBranch

8. View commit history in a clear graph

* git log --oneline --graph –decorate

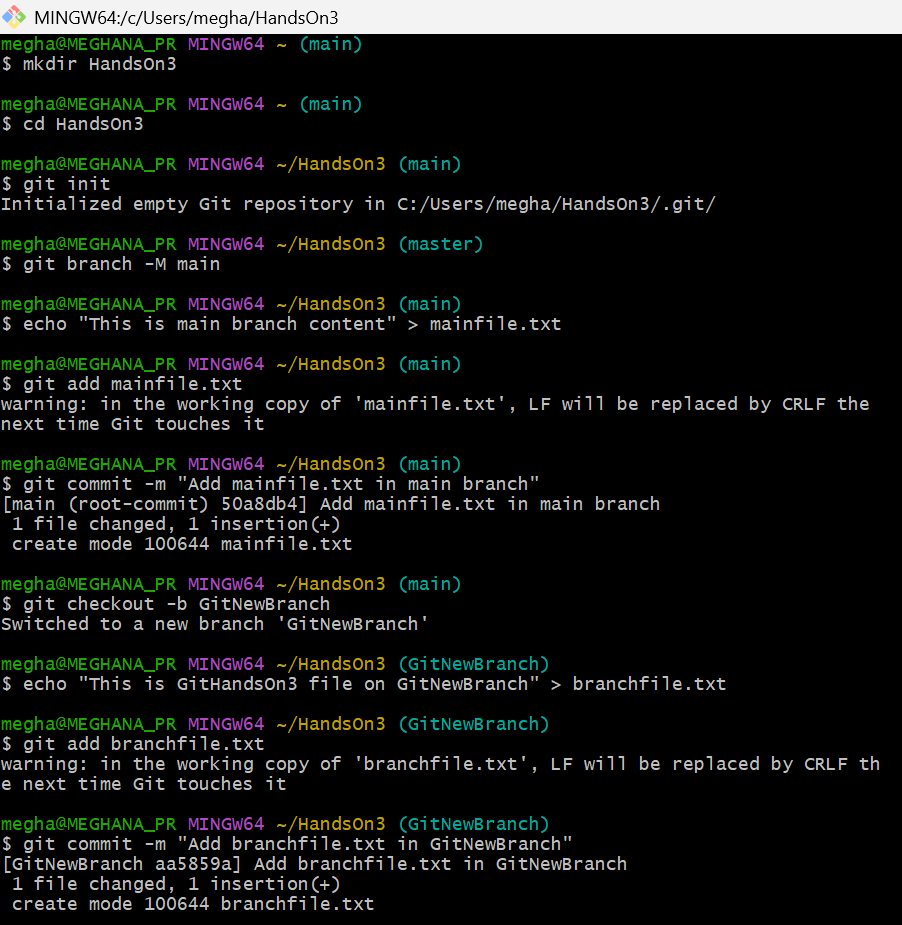
9. Delete the branch after merge **(**since you’ve already merged GitNewBranch into main):

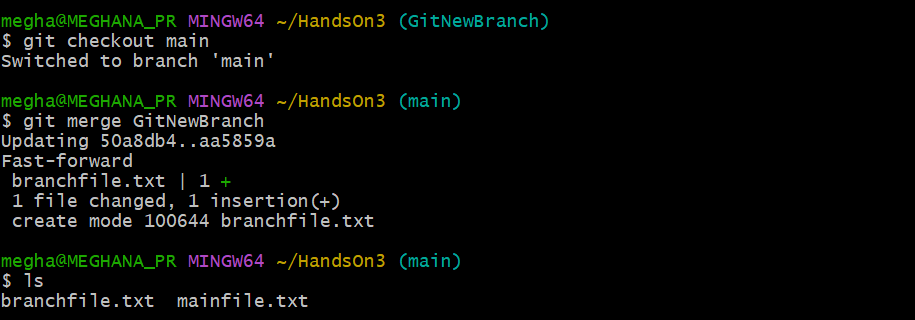
* git branch -d GitNewBranch

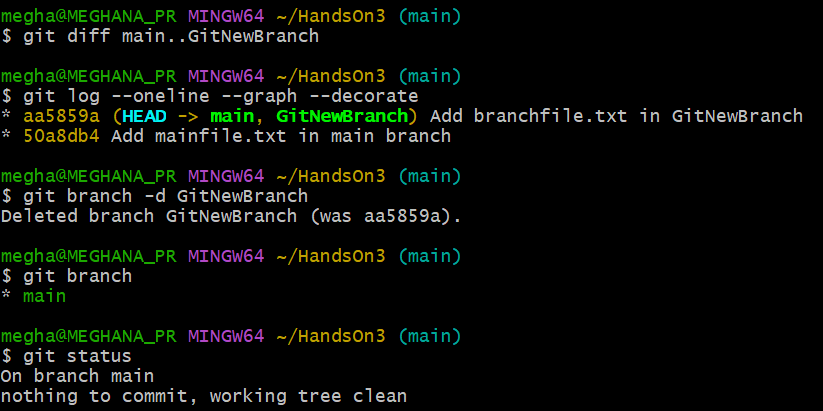
10. Verify

* git branch
* git status

**Output:**

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