LAB1

```
MINGW64:/c/Users/KIIT                                              □     ×

KIIT@BT-22053262 MINGW64 ~
$ git version
git version 2.50.0.windows.1

KIIT@BT-22053262 MINGW64 ~
$  git config --global user.name "PranamyaBala"

KIIT@BT-22053262 MINGW64 ~
$  git config --global user.email "pranb.2004@gmail.com"

KIIT@BT-22053262 MINGW64 ~
$ cd ..

KIIT@BT-22053262 MINGW64 /c/Users
$ ^C

KIIT@BT-22053262 MINGW64 /c/Users
$ cd ~

KIIT@BT-22053262 MINGW64 ~
$ git config --global --list
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
user.name=PranamyaBala
user.email=pranb.2004@gmail.com

KIIT@BT-22053262 MINGW64 ~
$ notepad++
bash: notepad++: command not found

KIIT@BT-22053262 MINGW64 ~
$ |
```
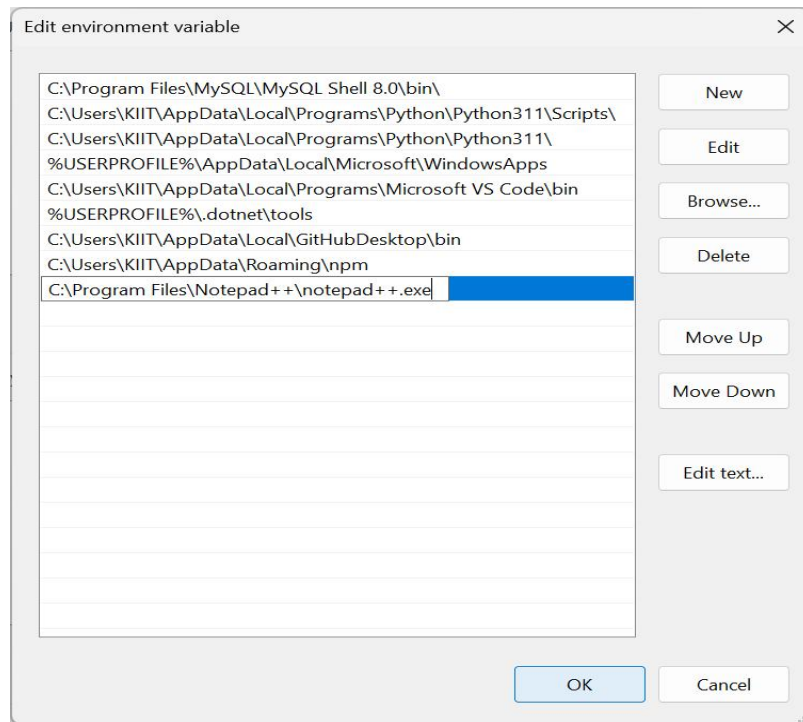
```
C:\Users\KIIT\GitDemo\.git\MERGE_MSG - Notepad++              —    □     ×

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?   +   ▼
                                                                                                                 ×
MERGE_MSG

  1    Merge branch 'main' of https://gitlab.com/pranamyabala1/GitDemo
  2    # Please enter a commit message to explain why this merge is necessary,
  3    # especially if it merges an updated upstream into a topic branch.
  4    #
  5    # Lines starting with '#' will be ignored, and an empty message aborts
  6    # the commit.
  7    Merge remote and local

length: 312   lines: 7    Ln: 7   Col: 23   Pos: 313          Unix (LF)        UTF-8        IN
```

Edit environment variable

Path	
C:\Program Files\MySQL\MySQL Shell 8.0\bin\	**New**
C:\Users\KIIT\AppData\Local\Programs\Python\Python311\Scripts\	**Edit**
C:\Users\KIIT\AppData\Local\Programs\Python\Python311\	**Browse...**
%USERPROFILE%\AppData\Local\Microsoft\WindowsApps	
C:\Users\KIIT\AppData\Local\Programs\Microsoft VS Code\bin	**Delete**
%USERPROFILE%\.dotnet\tools	
C:\Users\KIIT\AppData\Local\GitHubDesktop\bin	**Move Up**
C:\Users\KIIT\AppData\Roaming\npm	**Move Down**
C:\Program Files\Notepad++\notepad++.exe	**Edit text...**

OK **Cancel**

MINGW64:/c/Users/KIIT

```
KIIT@BT-22053262 MINGW64 ~
$ git version
git version 2.50.0.windows.1

KIIT@BT-22053262 MINGW64 ~
$  git config --global user.name "PranamyaBala"

KIIT@BT-22053262 MINGW64 ~
$  git config --global user.email "pranb.2004@gmail.com"

KIIT@BT-22053262 MINGW64 ~
$ cd ..

KIIT@BT-22053262 MINGW64 /c/Users
$ ^C

KIIT@BT-22053262 MINGW64 /c/Users
$ cd ~

KIIT@BT-22053262 MINGW64 ~
$ git config --global --list
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
user.name=PranamyaBala
user.email=pranb.2004@gmail.com

KIIT@BT-22053262 MINGW64 ~
$ notepad++
bash: notepad++: command not found

KIIT@BT-22053262 MINGW64 ~
$
```

```
MINGW64:/c/Users/KIIT/GitDemo

$ git config --global core.editor "'C:/Program Files/Notepad++/notepad++.exe' -multi
Inst -nosession"

KIIT@BT-22053262 MINGW64 ~
$ git config --global -e

KIIT@BT-22053262 MINGW64 ~
$ git init GitDemo
Initialized empty Git repository in C:/Users/KIIT/GitDemo/.git/

KIIT@BT-22053262 MINGW64 ~
$ cd GitDemo

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ echo "Welcome to the version control" >> welcome.txt

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ ls -al
total 25
drwxr-xr-x 1 KIIT 197121  0 Aug  2 22:39 ./
drwxr-xr-x 1 KIIT 197121  0 Aug  2 22:39 ../
drwxr-xr-x 1 KIIT 197121  0 Aug  2 22:39 .git/
-rw-r--r-- 1 KIIT 197121 31 Aug  2 22:39 welcome.txt

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ cat welcome.txt
Welcome to the version control

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git add welcome.txt
warning: in the working copy of 'welcome.txt', LF will be replaced by CRLF the next
time Git touches it

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   welcome.txt

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git commit
[master (root-commit) a44bd78] Added welcome.txt file with initial message
 1 file changed, 1 insertion(+)
 create mode 100644 welcome.txt

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git commit
On branch master
nothing to commit, working tree clean

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git status
On branch master
nothing to commit, working tree clean

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git remote add origin https://gitlab.com/pranamyabala1/GitDemo.git

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$
```
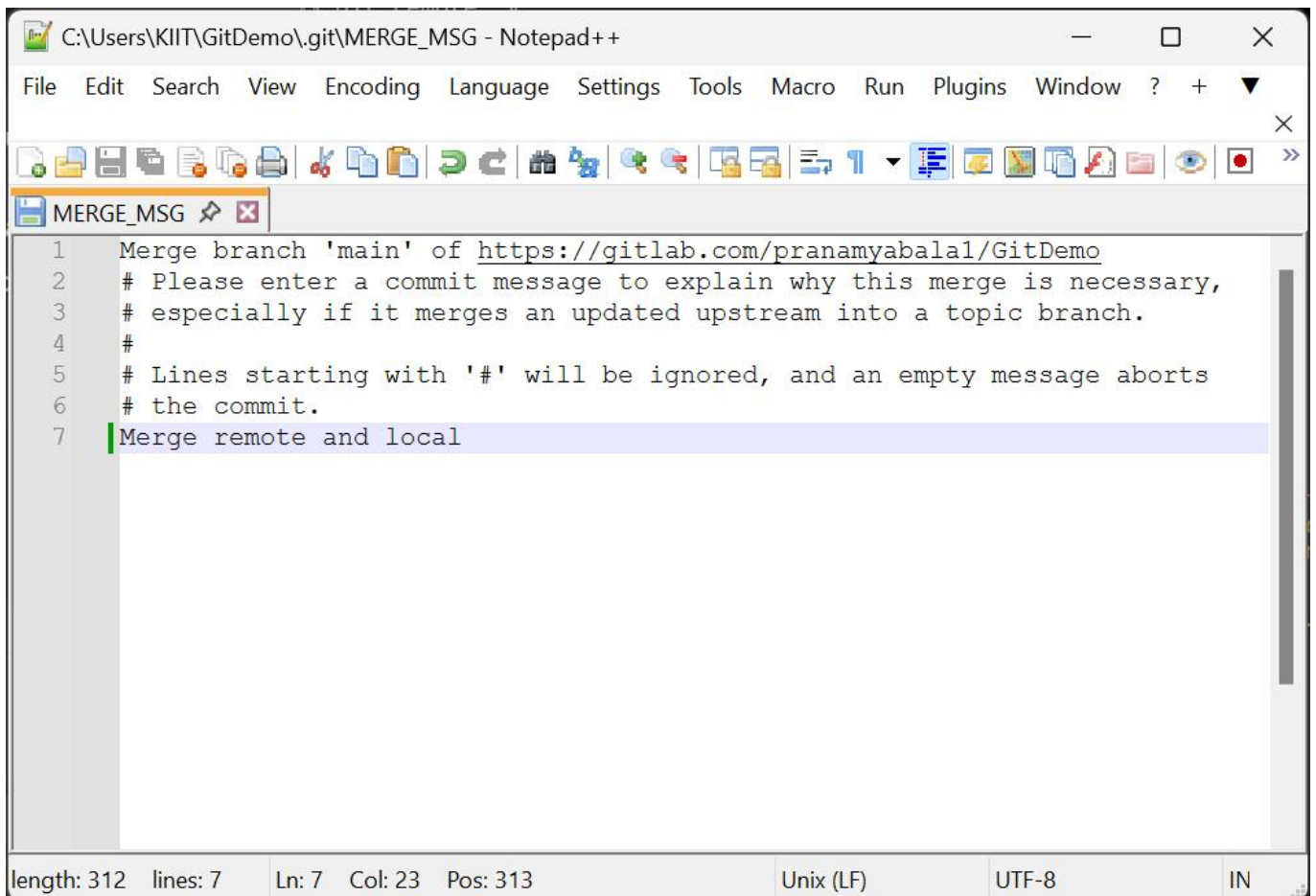
```
KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git status
On branch master
nothing to commit, working tree clean

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git remote add origin https://gitlab.com/pranamyabala1/GitDemo.git

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git remote -v
origin  https://gitlab.com/pranamyabala1/GitDemo.git (fetch)
origin  https://gitlab.com/pranamyabala1/GitDemo.git (push)

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git pull origin master --allow-unrelated-histories
info: please complete authentication in your browser...
fatal: couldn't find remote ref master

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ ^C

KIIT@BT-22053262 MINGW64 ~/GitDemo (master)
$ git branch -M main
```

C:\Users\KIIT\GitDemo\.git\MERGE_MSG - Notepad++   —   □   ✕

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?   +   ▼

MERGE_MSG

```
1    Merge branch 'main' of https://gitlab.com/pranamyabala1/GitDemo
2    # Please enter a commit message to explain why this merge is necessary,
3    # especially if it merges an updated upstream into a topic branch.
4    #
5    # Lines starting with '#' will be ignored, and an empty message aborts
6    # the commit.
7    Merge remote and local
```

length: 312   lines: 7   Ln: 7   Col: 23   Pos: 313   Unix (LF)   UTF-8   IN
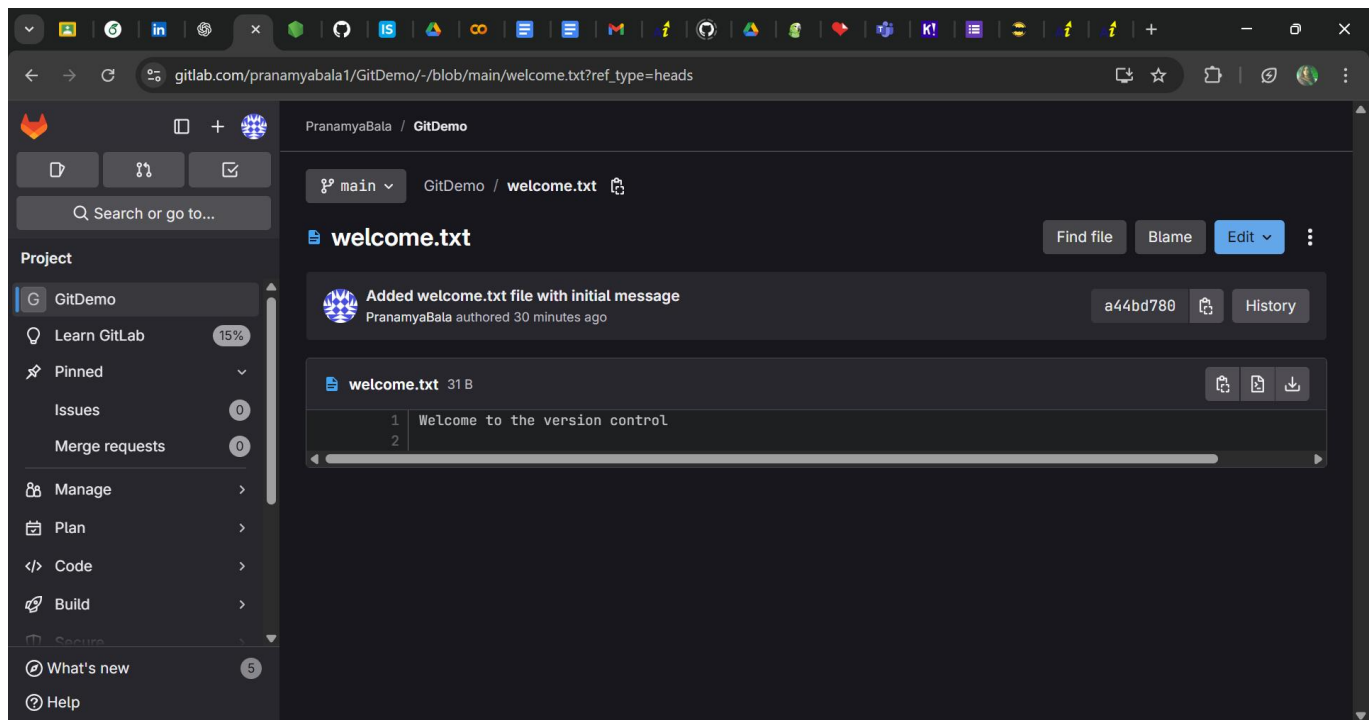
```
KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git pull origin main --allow-unrelated-histories
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 2.73 KiB | 279.00 KiB/s, done.
From https://gitlab.com/pranamyabala1/GitDemo
 * branch            main       -> FETCH_HEAD
 * [new branch]      main       -> origin/main
Merge made by the 'ort' strategy.
 README.md | 93 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 1 file changed, 93 insertions(+)
 create mode 100644 README.md

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git push -u origin main
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 587 bytes | 293.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/pranamyabala1/GitDemo.git
   3788b93..25bc378  main -> main
branch 'main' set up to track 'origin/main'.
```

gitlab.com/pranamyabala1/GitDemo

PranamyaBala / GitDemo

Merge branch 'main' of https://gitlab.com/pr... •••   25bc3782   History
PranamyaBala authored 5 minutes ago

Name	Last commit	Last update
README.md	Initial commit	1 hour ago
welcome.txt	Added welcome.txt file w...	29 minutes ago

README.md

GitDemo

Getting started

To make it easy for you to get started with GitLab, here's a list of recommended next steps.

Already a pro? Just edit this README.md and make it your own. Want to make it easy?
Use the template at the bottom!

Project

G GitDemo
Q Learn GitLab   15%
📌 Pinned   ∨
    Issues   0
    Merge requests   0
👥 Manage   ›
📅 Plan   ›
</> Code   ›
🔧 Build   ›
    Secure
⊘ What's new   5
? Help

Project information

-○- **3 Commits**
⑁ **1 Branch**
⬯ **0 Tags**
▱ **4 KiB** Project Storage

📄 README
+ Add LICENSE
+ Add CHANGELOG
+ Add CONTRIBUTING
+ Enable Auto DevOps
+ Add Kubernetes cluster
+ Set up CI/CD
+ Add Wiki
+ Configure Integrations

PranamyaBala / GitDemo

main ⌄   GitDemo / welcome.txt 📋

📄 welcome.txt   Find file   Blame   Edit ⌄   ⋮

Added welcome.txt file with initial message   a44bd780 📋   History
PranamyaBala authored 30 minutes ago

📄 welcome.txt 31 B   📋 📄 ⬇

1   Welcome to the version control
2

LAB2

```
MINGW64:/c/Users/KIIT/GitDemo

KIIT@BT-22053262 MINGW64 ~
$ cd ~/GitDemo

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ ls
README.md  debug.log  log/  welcome.txt

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ touch .gitignore

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ notepad++ .gitignore

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ 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)
        .gitignore

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

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git add .gitignore

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git commit -m "Added .gitignore to ignore .log files and log folder"
[main 5c2db0f] Added .gitignore to ignore .log files and log folder
 1 file changed, 2 insertions(+)
 create mode 100644 .gitignore

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 350 bytes | 116.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/pranamyabala1/GitDemo.git
   25bc378..5c2db0f  main -> main

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ |
```

LAB3

```
MINGW64:/c/Users/KIIT/GitDemo                                    —    □    ×

KIIT@BT-22053262 MINGW64 ~
$ git checkout -b GitNewBranch
fatal: not a git repository (or any of the parent directories): .git

KIIT@BT-22053262 MINGW64 ~
$ cd ~/GitDemo

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git checkout -b GitNewBranch
Switched to a new branch 'GitNewBranch'

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ git branch -a
* GitNewBranch
  main
  remotes/origin/main

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ echo "This is a file in GitNewBranch">branchfile.txt

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ git add branchfile.txt
warning: in the working copy of 'branchfile.txt', LF will be replaced by CRLF the ne
xt time Git touches it

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ ^C

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ git status
On branch GitNewBranch
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   branchfile.txt

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ git config --global diff.tool p4merge

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ git config --global merge.tool p4merge

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ git config --global mergetool.p4merge.path "C:\Program Files\Perforce\p4merge.exe"

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ git config --global difftool.p4merge.path "C:\Program Files\Perforce\p4merge.exe"

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ |
```

```
KIIT@BT-22053262 MINGW64 ~/GitDemo (GitNewBranch)
$ git checkout main
A       branchfile.txt
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git diff GitNewBranch
diff --git a/branchfile.txt b/branchfile.txt
new file mode 100644
index 0000000..70ab14d
--- /dev/null
+++ b/branchfile.txt
@@ -0,0 +1 @@
+This is a file in GitNewBranch

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git difftool GitNewBranch

Viewing (1/1): 'branchfile.txt'
Launch 'p4merge' [Y/n]?

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git difftool

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ ^C

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git difftool GitNewBranch

Viewing (1/1): 'branchfile.txt'
Launch 'p4merge' [Y/n]? y
```
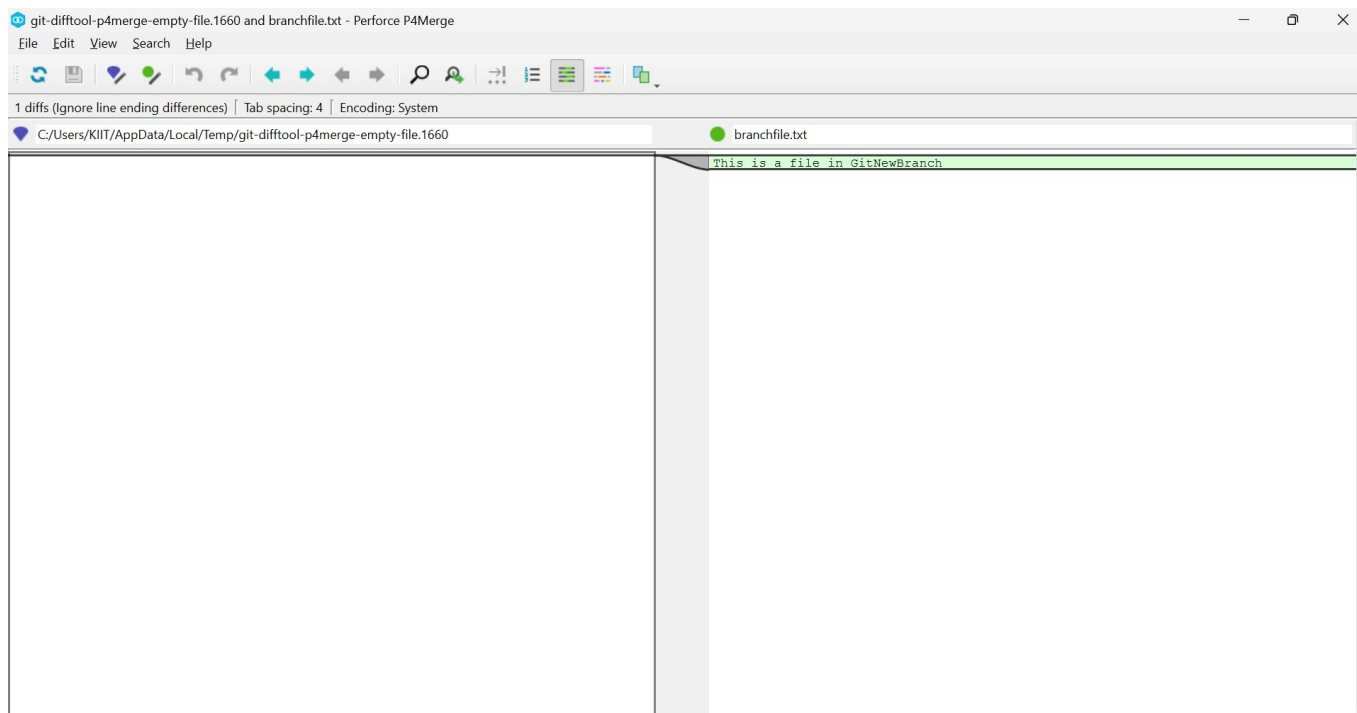

git-difftool-p4merge-empty-file.1660 and branchfile.txt - Perforce P4Merge

File   Edit   View   Search   Help

1 diffs (Ignore line ending differences)   Tab spacing: 4   Encoding: System

C:/Users/KIIT/AppData/Local/Temp/git-difftool-p4merge-empty-file.1660

branchfile.txt

This is a file in GitNewBranch

```
KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git merge GitNewBranch
Already up to date.

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ ^C

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git log --oneline --graph --decorate --all
* 5c2db0f (HEAD -> main, origin/main, GitNewBranch) Added .gitignore to ignore .log file
older
*   25bc378 Merge branch 'main' of https://gitlab.com/pranamyabala1/GitDemo Merge remote
|\
| * 3788b93 Initial commit
* a44bd78 Added welcome.txt file with initial message

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ ^C

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git branch -d GitNewBranch
Deleted branch GitNewBranch (was 5c2db0f).

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   branchfile.txt


KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git commit -m "Added branchfile.txt from GitNewBranch"
[main a4632f6] Added branchfile.txt from GitNewBranch
 1 file changed, 1 insertion(+)
 create mode 100644 branchfile.txt

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 401 bytes | 401.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/pranamyabala1/GitDemo.git
   5c2db0f..a4632f6  main -> main

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$
```

https://gitlab.com/pranamyabala1/GitDemo/-/blob/main/branchfile.txt?ref_type=heads

PranamyaBala / **GitDemo**

main ⌄ GitDemo / **branchfile.txt**

📄 **branchfile.txt**

Find file | Blame | Edit ⌄ | ⋮

Added branchfile.txt from GitNewBranch
PranamyaBala authored 23 hours ago

a4632f61 | History

📄 **branchfile.txt** 31 B

```
1  This is a file in GitNewBranch
2
```

Project

G GitDemo

💡 Learn GitLab   15%

📌 Pinned   ⌄

   Issues   0

   Merge requests   0

👥 Manage   ›

📅 Plan   ›

</> Code   ›

🚀 Build   ›

🛡 Secure   ›

🧭 What's new   5

❓ Help

LAB4

MINGW64:/c/Users/KIIT/GitDemo

```
KIIT@BT-22053262 MINGW64 ~
$ cd ~/GitDemo

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git checkout -b GitWork
Switched to a new branch 'GitWork'

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitWork)
$ echo "<message>Hello from GitWork branch</message>" > hello.xml

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitWork)
$ echo "<update>This is a change in GitWork</update>" >> hello.xml

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitWork)
$ git status
On branch GitWork
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        hello.xml

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

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitWork)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next ti
me Git touches it

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitWork)
$ git commit -m "GitWork branch: Added hello.xml with custom content"
[GitWork 21fe75a] GitWork branch: Added hello.xml with custom content
 1 file changed, 2 insertions(+)
 create mode 100644 hello.xml

KIIT@BT-22053262 MINGW64 ~/GitDemo (GitWork)
```

hello.xml and hello.xml - Perforce P4Merge

File   Edit   View   Search   Help

1 diffs (Ignore line ending differences) | Tab spacing: 4 | Encoding: System

C:\Users\KIIT\AppData\Local\Temp\git-blob-a09760/hello.xml   hello.xml

```
<message>Hello from GitWork branch</message>                  <message>Hello from main branch</message>
<update>This is a change in GitWork</update>
```

```
KIIT@BT-22053262 MINGW64 ~/GitDemo (GitWork)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ echo "<message>Hello from main branch</message>" > hello.xml

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next ti
me Git touches it

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git commit -m "main branch: Added hello.xml with different content"
[main 8007430] main branch: Added hello.xml with different content
 1 file changed, 1 insertion(+)
 create mode 100644 hello.xml

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git log --oneline --graph --decorate --all
* 8007430 (HEAD -> main) main branch: Added hello.xml with different content
| * 21fe75a (GitWork) GitWork branch: Added hello.xml with custom content
|/
* a4632f6 (origin/main) Added branchfile.txt from GitNewBranch
* 5c2db0f Added .gitignore to ignore .log files and log folder
*   25bc378 Merge branch 'main' of https://gitlab.com/pranamyabala1/GitDemo Merge re
mote and local
|\
| * 3788b93 Initial commit
* a44bd78 Added welcome.txt file with initial message

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git diff GitWork
diff --git a/hello.xml b/hello.xml
index dda017e..dc8ea3d 100644
--- a/hello.xml
+++ b/hello.xml
@@ -1,2 +1 @@
-<message>Hello from GitWork branch</message>
-<update>This is a change in GitWork</update>
+<message>Hello from main branch</message>

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git difftool GitWork

Viewing (1/1): 'hello.xml'
Launch 'p4merge' [Y/n]? y

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$
```

```
KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git merge GitWork
Auto-merging hello.xml
CONFLICT (add/add): Merge conflict in hello.xml
Automatic merge failed; fix conflicts and then commit the result.

KIIT@BT-22053262 MINGW64 ~/GitDemo (main|MERGING)
$ notepad++ hello.xml

KIIT@BT-22053262 MINGW64 ~/GitDemo (main|MERGING)
$ notepad++ hello.xml

KIIT@BT-22053262 MINGW64 ~/GitDemo (main|MERGING)
$ git add hello.xml

KIIT@BT-22053262 MINGW64 ~/GitDemo (main|MERGING)
$ git commit -m "Resolved merge conflict in hello.xml"
[main 4ed5d82] Resolved merge conflict in hello.xml

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 3 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ ^C

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git branch
  GitWork
* main
```
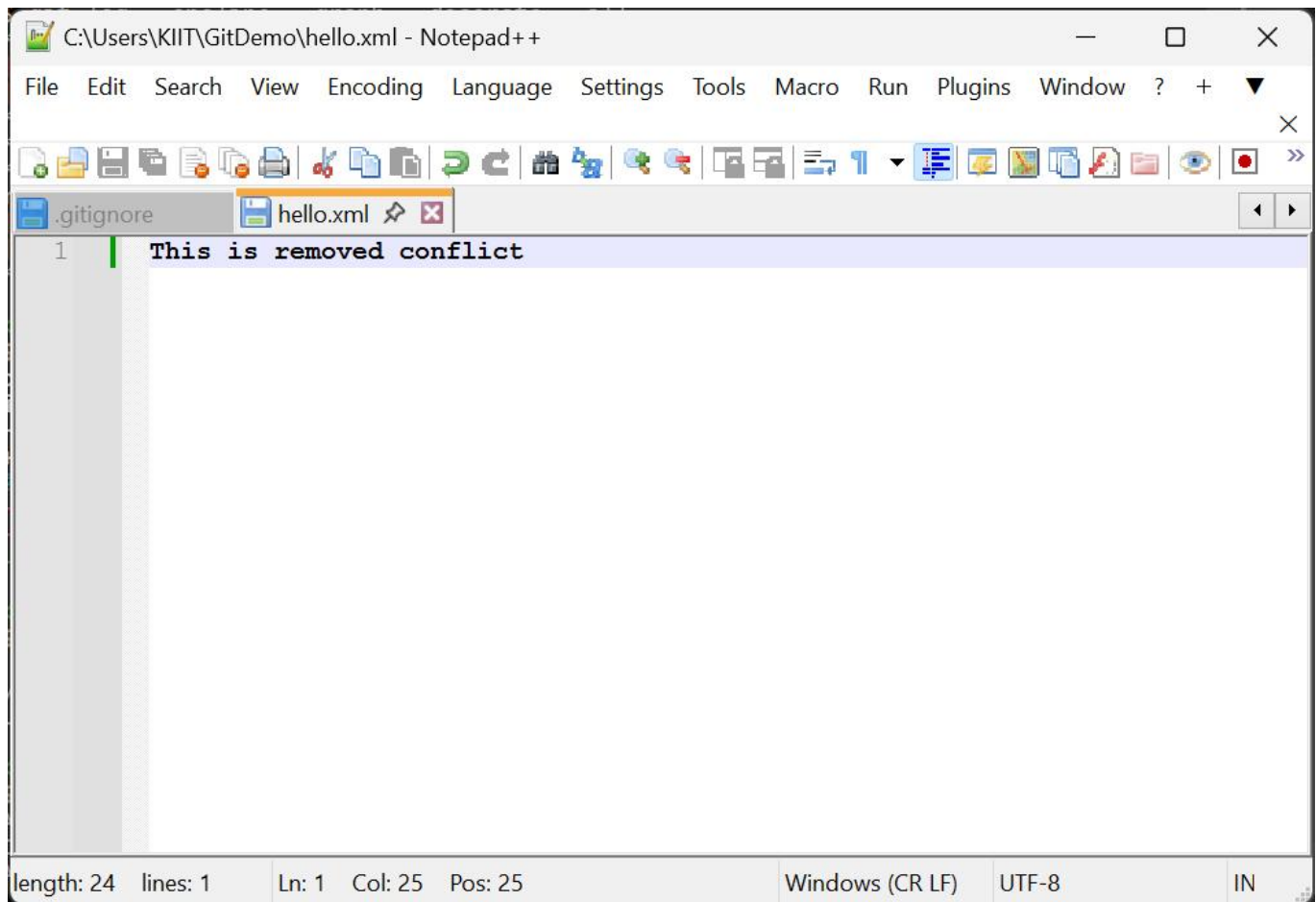
C:\Users\KIIT\GitDemo\hello.xml - Notepad++

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?   +   ▼

CommandArgs.cs   employee.xml   .gitignore   hello.xml

```
1      <<<<<<< HEAD
2      <message>Hello from main branch</message>
3      =======
4      <message>Hello from GitWork branch</message>
5      <update>This is a change in GitWork</update>
6      >>>>>>> GitWork
7
```

length: 175   lines: 7   Ln: 7   Col: 1   Pos: 176   Windows (CR LF)   UTF-8   IN

C:\Users\KIIT\GitDemo\hello.xml - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ? + ▼

.gitignore   hello.xml

1   This is removed conflict

length: 24   lines: 1   Ln: 1   Col: 25   Pos: 25   Windows (CR LF)   UTF-8   IN

```
KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git branch -d GitWork
Deleted branch GitWork (was 21fe75a).

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git log --oneline --graph --decorate
*   4ed5d82 (HEAD -> main) Resolved merge conflict in hello.xml
|\
| * 21fe75a GitWork branch: Added hello.xml with custom content
* | 8007430 main branch: Added hello.xml with different content
|/
* a4632f6 (origin/main) Added branchfile.txt from GitNewBranch
* 5c2db0f Added .gitignore to ignore .log files and log folder
*   25bc378 Merge branch 'main' of https://gitlab.com/pranamyabala1/GitDemo Merge re
mote and local
|\
| * 3788b93 Initial commit
* a44bd78 Added welcome.txt file with initial message

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git push origin main
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (9/9), 902 bytes | 180.00 KiB/s, done.
Total 9 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/pranamyabala1/GitDemo.git
   a4632f6..4ed5d82  main -> main

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ |
```

LAB5

```
MINGW64:/c/Users/KIIT/GitDemo                                    □   X

KIIT@BT-22053262 MINGW64 ~
$ cd ~/GitDemo

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git branch -a
* main
  remotes/origin/main

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ ^C

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ ^C

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git pull origin main
From https://gitlab.com/pranamyabala1/GitDemo
 * branch            main        -> FETCH_HEAD
Already up to date.

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ ^C

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git log origin/main..HEAD

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$ git push origin main
Everything up-to-date

KIIT@BT-22053262 MINGW64 ~/GitDemo (main)
$
```

https://gitlab.com/pranamyabala1/GitDemo

PranamyaBala / GitDemo

G GitDemo 🔒 Free

⚐ Star 0   ⑂ Fork 0

⑂ main ∨   GitDemo   + ∨   Find file   Code ∨

Resolved merge conflict in hello.xml
PranamyaBala authored 4 hours ago   4ed5d825   History

Name	Last commit	Last update
.gitignore	Added .gitignore to ignor...	1 day ago
README.md	Initial commit	3 days ago
branchfile.txt	Added branchfile.txt from...	22 hours ago
hello.xml	Resolved merge conflict i...	4 hours ago
welcome.txt	Added welcome.txt file w...	3 days ago

📄 README.md

Project information

⟜ **8** Commits
⑂ **1** Branch
🏷 **0** Tags
▦ **7 KiB** Project Storage

📄 README

+ Add LICENSE
+ Add CHANGELOG
+ Add CONTRIBUTING
+ Enable Auto DevOps
+ Add Kubernetes cluster
+ Set up CI/CD
+ Add Wiki

Project

G GitDemo
💡 Learn GitLab 15%
📌 Pinned ∨
   Issues 0
   Merge requests 0

🏢 Manage >
📅 Plan >
</> Code >
🔨 Build >
🛡 Secure >

🧭 What's new 5

https://gitlab.com