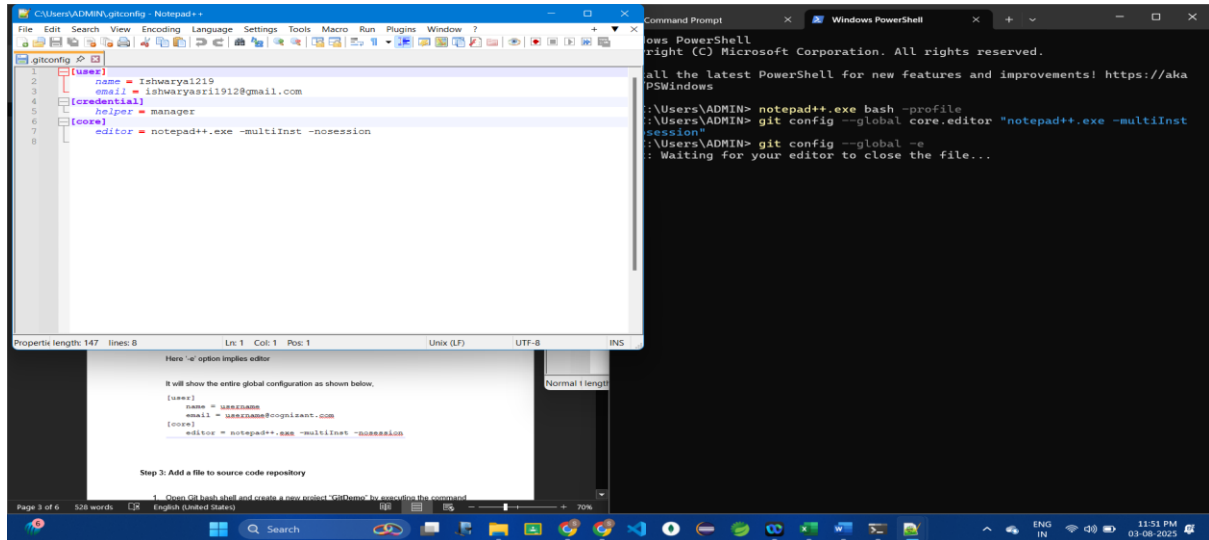


# WEEK 8

## 1)Hands-On1



The screenshot shows a Notepad++ window with the following content:

```
gitconfig
1 [user]
2   name = Ishwarya1219
3   email = ishwarayari1912@gmail.com
4 [credential]
5   helper = manager
6 [core]
7   editor = notepad++.exe -multiInst -nosession
8
```

Below the editor, a message states: "Here '-e' option implies editor. It will show the entire global configuration as shown below."

```
[user]
name = user@domain
email = user@domain@company.com
[core]
editor = notepad++.exe -multiInst -nosession
```

Step 3: Add a file to source code repository

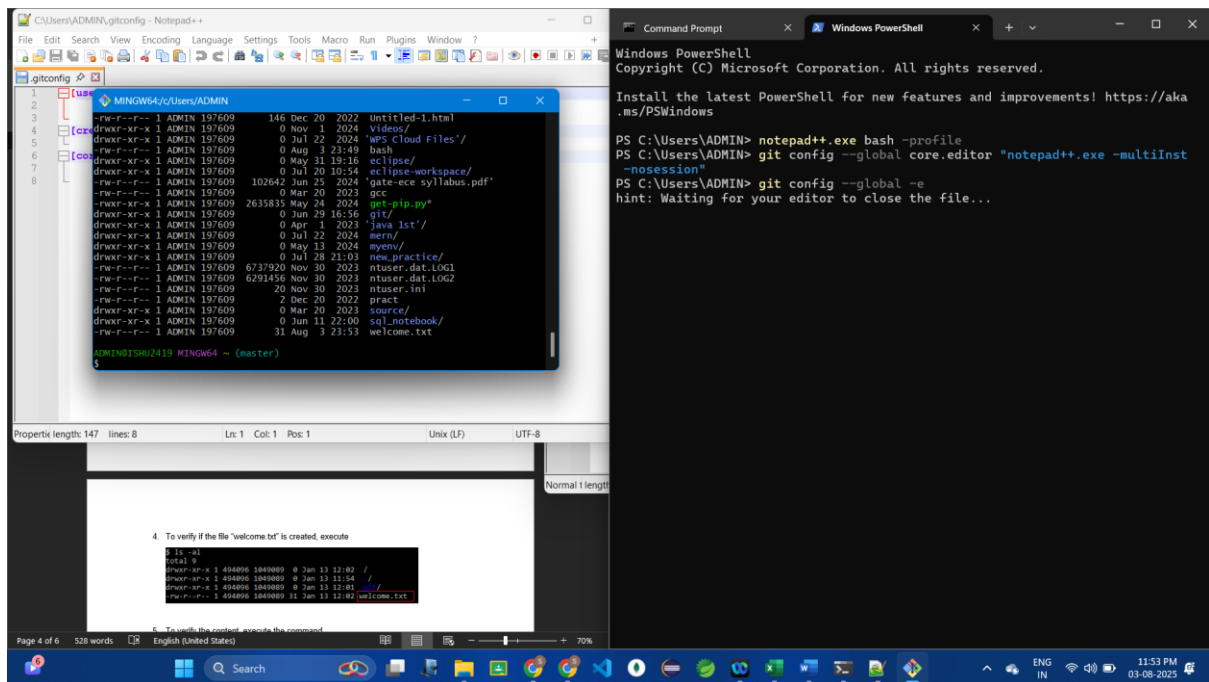
Below the editor, a message states: "4. Open Git bash shell and create a repository with the following command."

The Windows PowerShell window shows the following commands and output:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\ADMIN> notepad++.exe bash -profile
PS C:\Users\ADMIN> git config --global core.editor "notepad++.exe -multiInst -nosession"
PS C:\Users\ADMIN> git config --global -e
hint: Waiting for your editor to close the file...
```



The screenshot shows a Notepad++ window with the following content:

```
gitconfig
1 [user]
2   name = Ishwarya1219
3   email = ishwarayari1912@gmail.com
4 [credential]
5   helper = manager
6 [core]
7   editor = notepad++.exe -multiInst -nosession
8
```

Below the editor, a message states: "Here '-e' option implies editor. It will show the entire global configuration as shown below."

```
[user]
name = user@domain
email = user@domain@company.com
[core]
editor = notepad++.exe -multiInst -nosession
```

Step 3: Add a file to source code repository

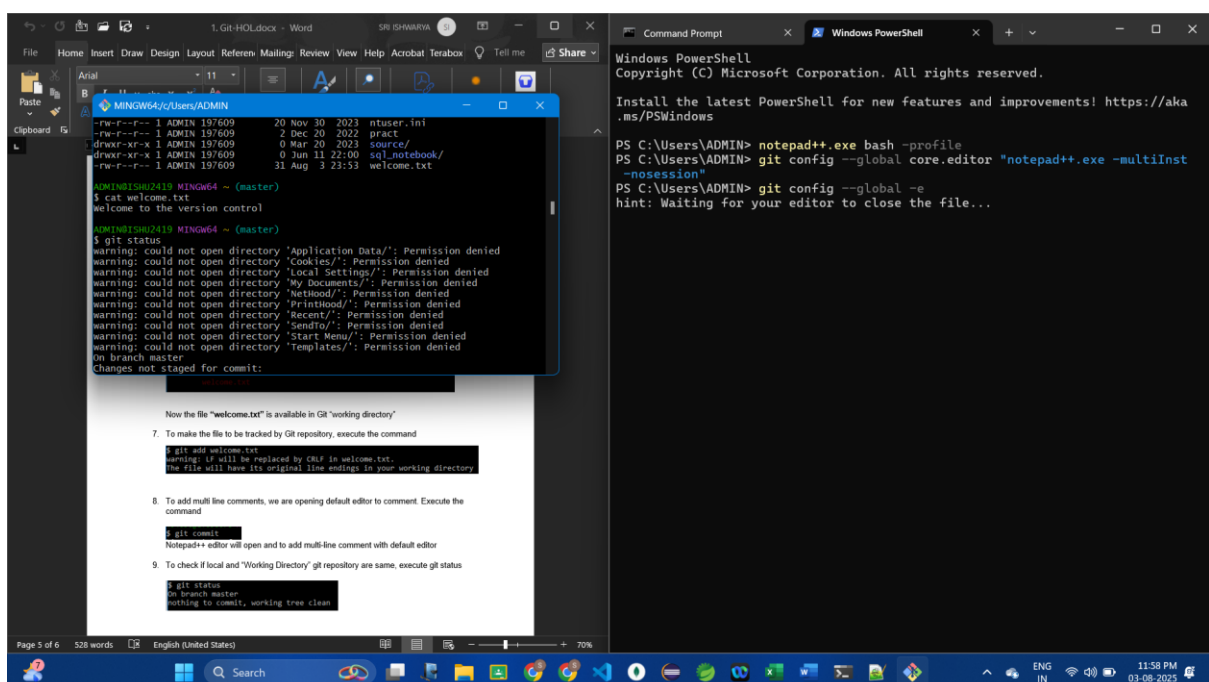
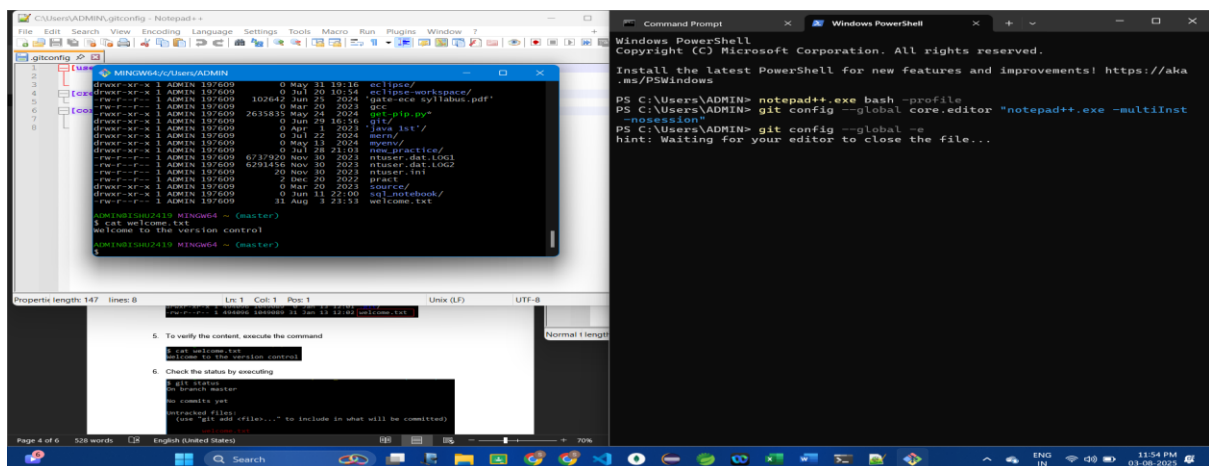
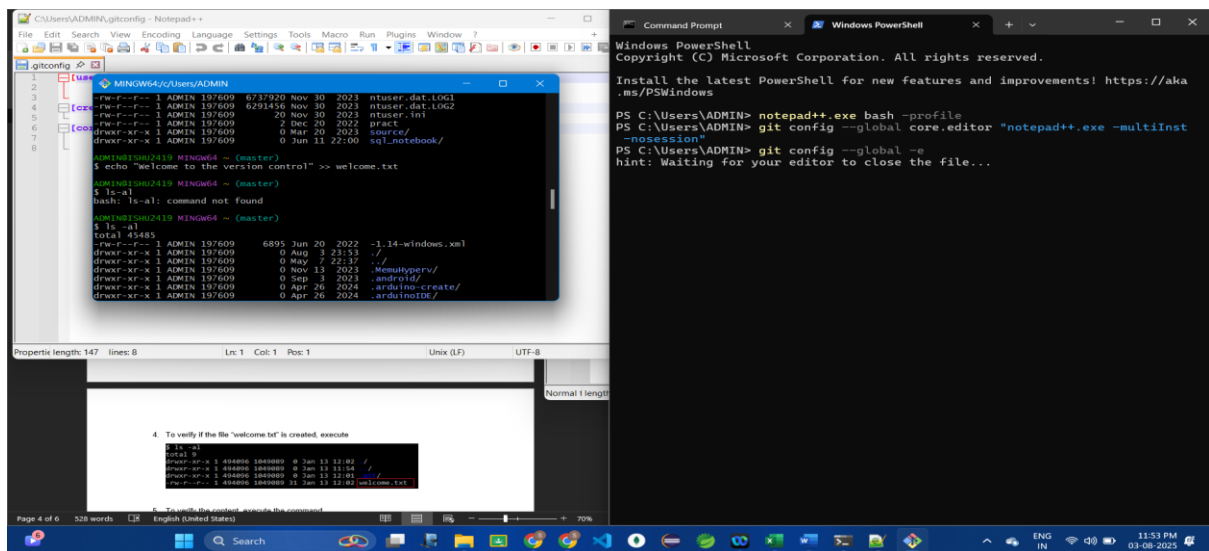
Below the editor, a message states: "4. Open Git bash shell and create a repository with the following command."

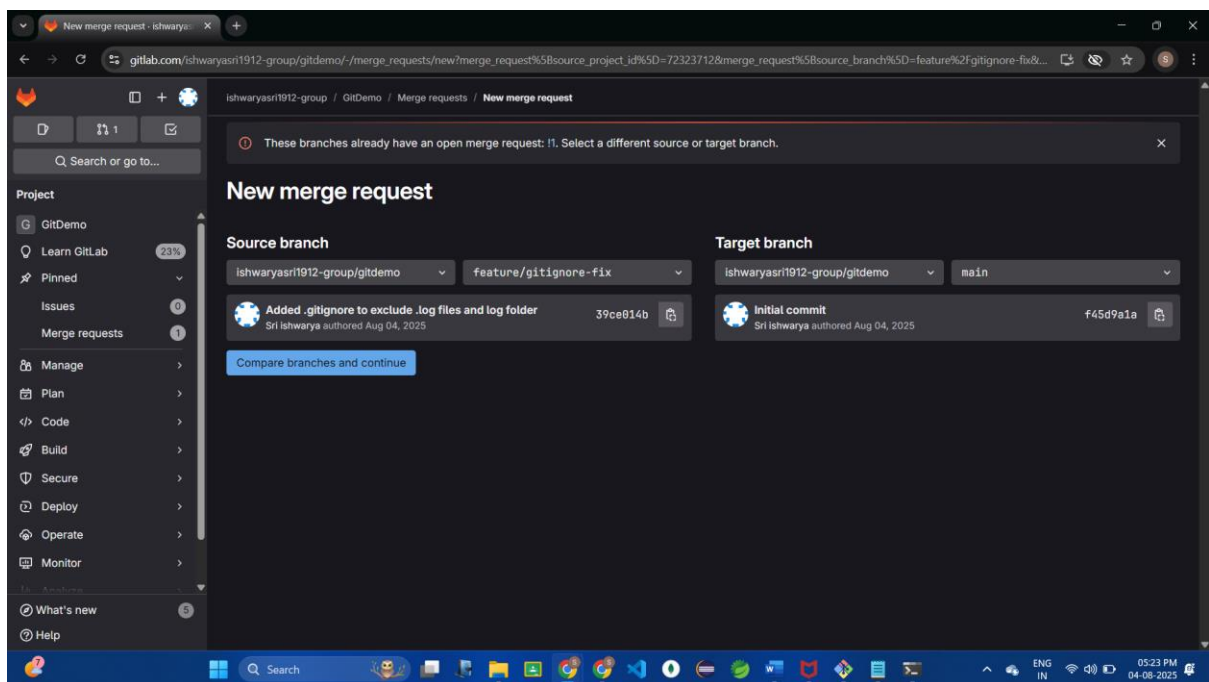
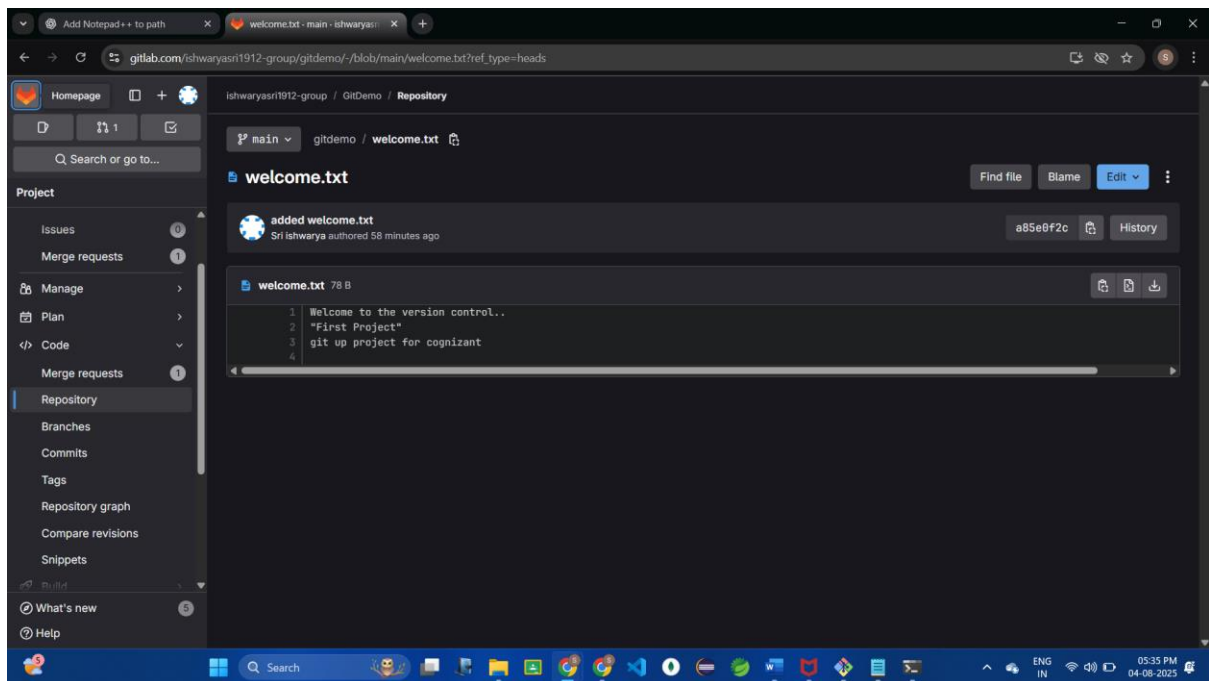
The Windows PowerShell window shows the following commands and output:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\ADMIN> notepad++.exe bash -profile
PS C:\Users\ADMIN> git config --global core.editor "notepad++.exe -multiInst -nosession"
PS C:\Users\ADMIN> git config --global -e
hint: Waiting for your editor to close the file...
```





## 2)Hands on 2

```
Command Prompt
C:\Users\ADMIN\git-ignore-lab>git push origin feature/gitignore-fix
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 255 bytes | 255.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for feature/gitignore-fix, visit:
remote:   https://gitlab.com/ishwaryasri1912-group/gitdemo/-/merge_requests/new?merge_request%5Bsource_branch%5D=feature%2Fgitignore-fix
remote:
To https://gitlab.com/ishwaryasri1912-group/gitdemo.git
 * [new branch]      feature/gitignore-fix -> feature/gitignore-fix
C:\Users\ADMIN\git-ignore-lab>git checkout -b feature/gitignore-fix
fatal: a branch named 'feature/gitignore-fix' already exists
C:\Users\ADMIN\git-ignore-lab>git push origin feature/gitignore-fix
Everything up-to-date
C:\Users\ADMIN\git-ignore-lab>
```

The screenshot shows the GitLab web interface for the repository 'ishwaryasri1912-group / GitDemo'. The current branch is 'feature/gitignore-fix'. A commit titled 'Added .gitignore to exclude .log files and log folder' is displayed, authored by 'Sri Ishwarya' 32 minutes ago. The commit hash is '39ce014b'. Below the commit message, a table lists the changes:

Name	Last commit	Last update
.gitignore	Added .gitignore to exclude .log files and log folder	32 minutes ago

The left sidebar contains navigation links for Project, Issues, Merge requests, Manage, Plan, Code, Repository (selected), Branches, Commits, Tags, Repository graph, Compare revisions, Snippets, What's new, and Help.

### 3) Hands on 3

```
MINGW64/c/Users/ADMIN
Cisco Packet Tracer 8.2.2/
Contacts/
Downloads/
Favorites/
GitDemo/
IntelGraphicsProfiles/
JAVA CODES/
Links/
MediaGet2/
Music/
NTUSER.DAT
NTUSER.DAT[bf69f1d7-8ee7-11e6-b569-931bb645938].TM.b1f
NTUSER.DAT[bf69f1d7-8ee7-11e6-b569-931bb645938].TM.container000000000000
00000001.regtrans-es
NTUSER.DAT[bf69f1d7-8ee7-11e6-b569-931bb645938].TM.container000000000000
00000002.regtrans-es
Oracle/
Saved Games/
Searches/
Tracing/
Untitled-1.html
Videos/
WPS Cloud Files/
bash
eclipse-workspace/
eclipse/
gcc
git-p10.py
git-ignore-lab/
git/
java 1st/
myenv/
new_practice/
newfile.txt
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
pract
sql_notebook/

nothing added to commit but untracked files present (use "git add" to track)
ADMIN@SHU2419 MINGW64 ~ (GitNewBranch)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
fatal: shal file 'C:/Users/ADMIN/.git/index.lock' write error. out of disk space
ADMIN@SHU2419 MINGW64 ~ (GitNewBranch)
$
```

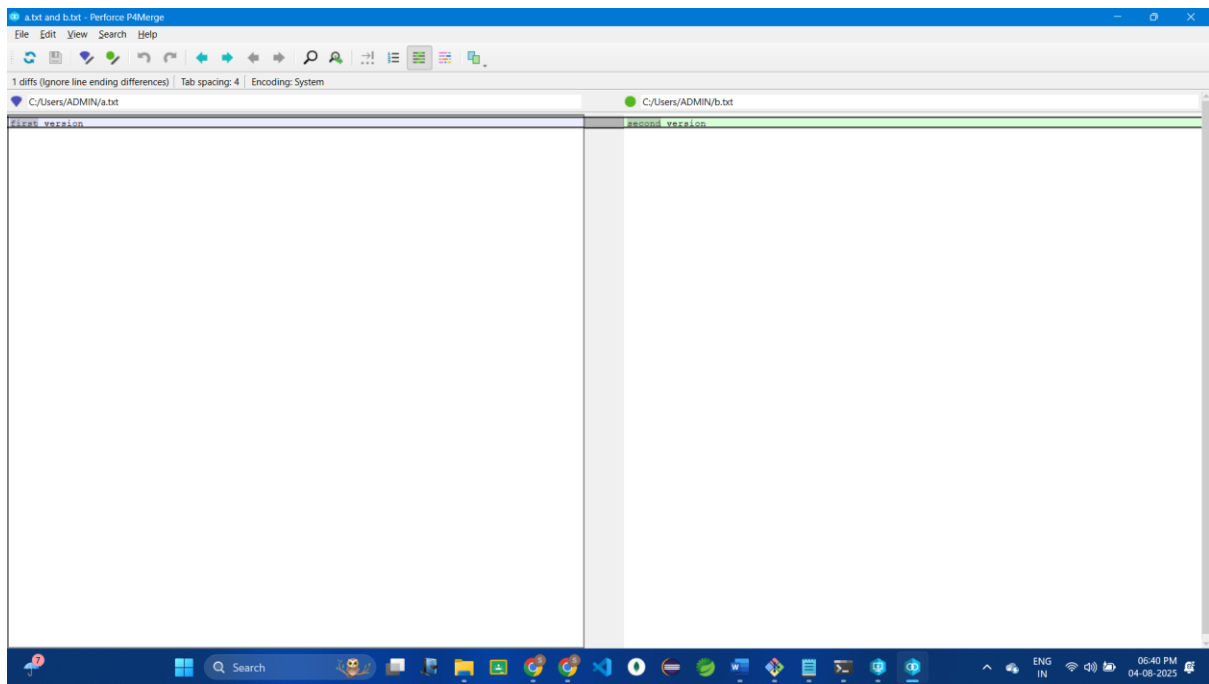
```
MINGW64/c/Users/ADMIN
newfile.txt
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
pract
sql_notebook/

nothing added to commit but untracked files present (use "git add" to track)
ADMIN@SHU2419 MINGW64 ~ (GitNewBranch)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
fatal: shal file 'C:/Users/ADMIN/.git/index.lock' write error. out of disk space
ADMIN@SHU2419 MINGW64 ~ (GitNewBranch)
$ git add newfile.txt
warning: in the working copy of 'newfile.txt', LF will be replaced by CRLF the n
ext time Git touches it
ADMIN@SHU2419 MINGW64 ~ (GitNewBranch)
$ git commit -m "added newfile"
Auto packing the repository in background for optimum performance.
See "git help gc" for manual housekeeping.
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 4 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (11/11), done.
Total 11 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
Checking connectivity: 62/93, done.
warning: There are too many unreachable loose objects; run 'git prune' to remove
them.
[GitNewBranch 0a16bca] added newfile
1 file changed, 1 insertion(+)
create mode 100644 newfile.txt
ADMIN@SHU2419 MINGW64 ~ (GitNewBranch)
$ git status
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
on branch GitNewBranch
```

```
MINGW64~/c/Users/ADMIN
untitled-1.html
Videos/
WPS Cloud Files/
bash
eclipse-workspace/
eclipse/
gcc
get-pip.py
git-ignore-lab/
git/
Java 1st/
myenv/
new_practice/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
PROJECT
sql_notebook/

nothing added to commit but untracked files present (use "git add" to track)
ADMIN@ISH02419 MINGW64 ~ (GitNewBranch)
$ git checkout master
Switched to a new branch 'master'
branch 'master' set up to track 'origin/master'.

ADMIN@ISH02419 MINGW64 ~ (master)
$ git diff master GitNewBranch
diff --git a/README.md b/README.md
new file mode 100644
index 0000000..a6c1659
--- /dev/null
+++ b/README.md
@@ -0,0 +1,93 @@
# 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](#editing-this-readme)!
#
## Add your files
#
- [ ] [Create](https://docs.gitlab.com/ee/user/project/repository/web_editor.html#create-a-file) or [upload](https://docs.gitlab.com/ee/user/project/repository/web_editor.html#upload-a-file) files
#
...skipping...
diff --git a/README.md b/README.md
new file mode 100644
index 0000000..a6c1659
--- /dev/null
+++ b/README.md
@@ -0,0 +1,93 @@
```



```
MINGW64~/c:/Users/ADMIN
NTUSER.DAT[bfe9f1d7-8ee7-11ee-b569-933bb645938]-.Wb.bif
NTUSER.DAT[bfe9f1d7-8ee7-11ee-b569-933bb645938]-.hcontainer00000000000000000001.regtrans-ms
NTUSER.DAT[bfe9f1d7-8ee7-11ee-b569-933bb645938]-.hcontainer00000000000000000002.regtrans-ms
Oracle/
Saved Games/
Searches/
Tracing/
Untitled-1.html
Videos/
WPS Cloud Files/
a.txt
b.txt
bash
eclipse-workspace/
eclipse/
gcc
get-pip.py
git-ignore-tab/
git/
java.lst/
myenv/
new_practice/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
pract
sql_notebook/
ter GitNewBranch

ADMIN@ISH02419 MINGW64 ~ (master|MERGING)
$ git commit -m "Merged GitNewBranch into master"
error: Committing is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <files>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.
U welcome.txt

ADMIN@ISH02419 MINGW64 ~ (master|MERGING)
$ git add welcome.txt

ADMIN@ISH02419 MINGW64 ~ (master|MERGING)
$ git commit -m "Resolved conflict and merged GitNewBranch into master"
Auto packing the repository in background for optimum performance.
See "git help gc" for manual housekeeping.
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Removing duplicate objects: 100% (256/256), done.
Checking connectivity: 62/98, done.
warning: There are too many unreachable loose objects; run 'git prune' to remove them.
[master 0cef7f1] Resolved conflict and merged GitNewBranch into master

ADMIN@ISH02419 MINGW64 ~ (master)
$ git commit -m "merged GitNewBranch into master"
```

## 4) Hands on 4

```
MINGW64 ~/Users/ADMIN
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
pract
sql_notebook/
ter GitNewBranch

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

ADMINISHU2419 MINGW64 ~ (Gitwork)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it

ADMINISHU2419 MINGW64 ~ (Gitwork)
$ git commit -m "added hello.xml with gitwork updates"
Auto packing the repository in background for optimum performance.
See "git help gc" for manual housekeeping.
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Checking connectivity: 62801, done.
warning: There are too many unreachable loose objects; run 'git prune' to remove them.
[Gitwork 2a54265] added hello.xml with gitwork updates
1 file changed, 2 insertions(+)
create mode 100644 hello.xml

ADMINISHU2419 MINGW64 ~ (Gitwork)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 7 commits.
(use "git push" to publish your local commits)

ADMINISHU2419 MINGW64 ~ (master)
$ echo "<message>Hello from Master</message>" > hello.xml

ADMINISHU2419 MINGW64 ~ (master)
$ git add hello.xml
$ git commit -m "Added hello.xml with master content"
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it
Auto packing the repository in background for optimum performance.
See "git help gc" for manual housekeeping.
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Checking connectivity: 62804, done.
warning: There are too many unreachable loose objects; run 'git prune' to remove them.
[master 5db25bd] Added hello.xml with master content
1 file changed, 1 insertion(+)
create mode 100644 hello.xml

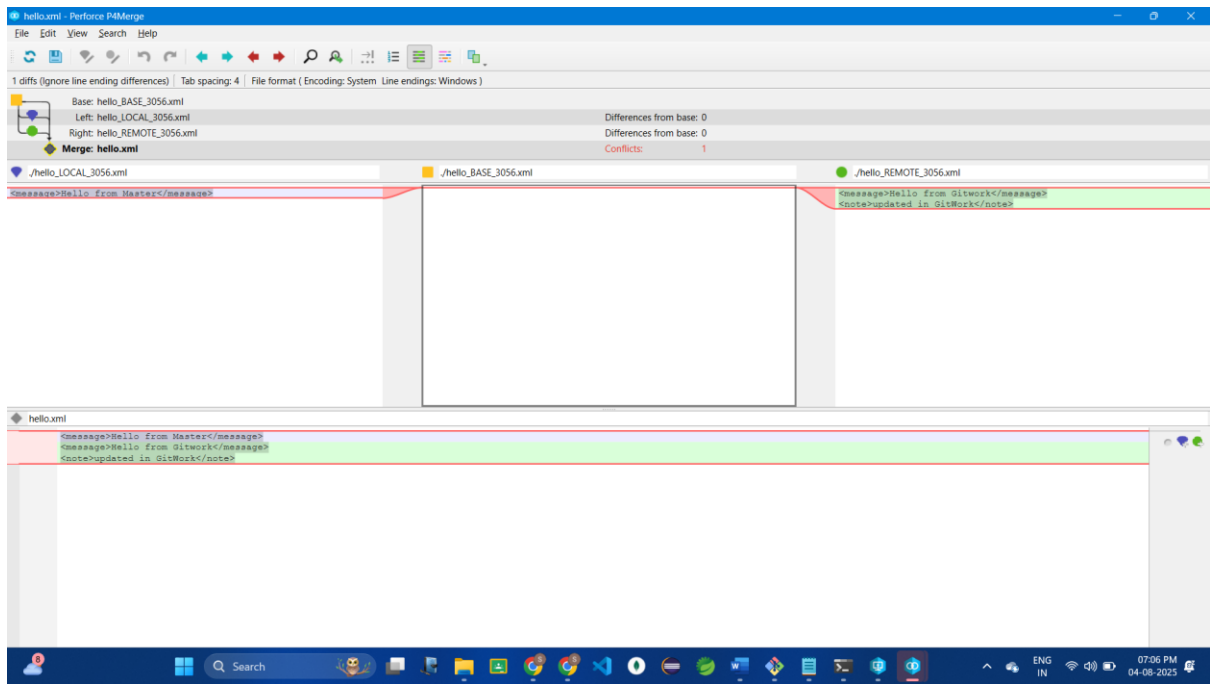
ADMINISHU2419 MINGW64 ~ (master)
$
```

```
DREAM_BATCH- JUNI * -startup.txt * eclipse.ini eclipse.ini Untitled welcome.txt .gitignore hello.xml
File Edit View

<<<<<<< HEAD
<message>Hello from Master</message>
=====
<message>Hello from Gitwork</message>
<note>updated in GitWork</note>
>>>>>>> GitWork

Ln 7, Col 1 144 characters Plain text 140% Windows (CRLF) UTF-8
```





## 5) Hands on 5

```
MINGW64/c/Users/ADMIN
Searches/
Tracing/
untitled-1.html
Videos/
WPS Cloud Files/
a.txt
b.txt
bash
eclipse-workspace/
eclipse/
gcc
get-pip.py
git-ignore-lab/
git/
hello.xml.orig
java1st/
myenv/
new_practice/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
pract
sql_notebook/
ter GitNewBranch

nothing added to commit but untracked files present (use "git add" to track)
ADMIN@SHU2419 MINGW64 ~ (master)
$ echo ".orig" >> .gitignore
ADMIN@SHU2419 MINGW64 ~ (master)
$ git add .gitignore
git commit -m "Add backup files to .gitignore"
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
Auto packing the repository in background for optimum performance.
See "git help gc" for manual housekeeping.
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Removing duplicate objects: 100% (256/256), done.
Checking connectivity: 62812, done.
warning: There are too many unreachable loose objects; run 'git prune' to remove them.
[master 9ee62e0] Add backup files to .gitignore
1 file changed, 7 insertions(+)
create mode 100644 .gitignore
ADMIN@SHU2419 MINGW64 ~ (master)
$ git branch
GitNewBranch
Gitwork
main
* master
ADMIN@SHU2419 MINGW64 ~ (master)
$
```

```
MINGW64/c/Users/ADMIN
ADMIN@SHU2419 MINGW64 ~ (master)
$ echo ".orig" >> .gitignore
ADMIN@SHU2419 MINGW64 ~ (master)
$ git add .gitignore
git commit -m "Add backup files to .gitignore"
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
Auto packing the repository in background for optimum performance.
See "git help gc" for manual housekeeping.
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Removing duplicate objects: 100% (256/256), done.
Checking connectivity: 62812, done.
warning: There are too many unreachable loose objects; run 'git prune' to remove them.
[master 9ee62e0] Add backup files to .gitignore
1 file changed, 7 insertions(+)
create mode 100644 .gitignore
ADMIN@SHU2419 MINGW64 ~ (master)
$ git branch
GitNewBranch
Gitwork
main
* master
ADMIN@SHU2419 MINGW64 ~ (master)
$ git branch -d Gitwork
Deleted branch Gitwork (was 2a54a26).
ADMIN@SHU2419 MINGW64 ~ (master)
$ git log --online --graph --decorate
fatal: unrecognized argument: --online
ADMIN@SHU2419 MINGW64 ~ (master)
$ git log --online --graph --decorate
* 9ee62e0 (HEAD -> master) Add backup files to .gitignore
  * 10ed5a9 Resolved merge conflict between master and Gitwork
    * 2a54a26 added hello.xml with gitwork updates
    * 5d825bd Added hello.xml with master content
  * 0cef7f1 Resolved conflict and merged GitNewBranch into master
    * 0a16bce (GitNewBranch) added newfile
    * a85e0f2 (origin/main, main) added welcome.txt
    * dccfa4b Add welcome.txt
    * 41da4bd First Commit
    * 60113fe react
    * f45d9a1 Initial commit
    * d1422a2 (origin/master) First Commit
    * 047737f react
ADMIN@SHU2419 MINGW64 ~ (master)
$
```

```
MINGW64~/c/Users/ADMIN
b.txt
bash
eclipse-workspace/
eclipse/
gcc
g++
git-pip.py
git-ignore-lab/
git/
hello.xml.orig
java 1st/
myenv/
new_practice/
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini
pract
sql_notebook/
ter_GitNewBranch

nothing added to commit but untracked files present (use "git add" to track)
ADMIN@SHU2419 MINGW64 ~ (Git-T03-HOL_002)
$ git push -u origin Git-T03-HOL_002
warning: redirecting to https://gitlab.com/ishwaryasri1912-group/gitdemo.git/
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for Git-T03-HOL_002, visit:
remote: https://gitlab.com/ishwaryasri1912-group/gitdemo/-/merge_requests/new?
merge_requests%5Bsource_branch%5D=Git-T03-HOL_002
remote:
to https://gitlab.com/ishwaryasri1912-group/gitdemo
$ [new branch] Git-T03-HOL_002 -> Git-T03-HOL_002
branch 'Git-T03-HOL_002' set up to track 'origin/Git-T03-HOL_002'.
ADMIN@SHU2419 MINGW64 ~ (Git-T03-HOL_002)
$ git fetch origin Git-T03-HOL_002
warning: redirecting to https://gitlab.com/ishwaryasri1912-group/gitdemo.git/
from https://gitlab.com/ishwaryasri1912-group/gitdemo
+ branch            Git-T03-HOL_002 -> FETCH_HEAD
Auto packing the repository in background for optimum performance.
See "git help gc" for manual housekeeping.
Nothing new to pack.
Checking connectivity: 62813, done.
warning: There are too many unreachable loose objects; run 'git prune' to remove
them.
ADMIN@SHU2419 MINGW64 ~ (Git-T03-HOL_002)
$ git checkout Git-T03-HOL_002
Already on 'Git-T03-HOL_002'
Your branch is up to date with 'origin/Git-T03-HOL_002'.
ADMIN@SHU2419 MINGW64 ~ (Git-T03-HOL_002)
$ git checkout Git-T03-HOL_002
Already on 'Git-T03-HOL_002'
Your branch is up to date with 'origin/Git-T03-HOL_002'.
ADMIN@SHU2419 MINGW64 ~ (Git-T03-HOL_002)
$
```

