**GIT HOL 3:  
Visit**(master branch)**:** https://gitlab.com/apahari0231/gitdemo.git **The cmd commands as executed are:**  
  
PS C:\Users\arnab> cd D:\GitDemo

PS D:\GitDemo> git branch GitNewBranch

PS D:\GitDemo> git branch

GitNewBranch

\* master

PS D:\GitDemo> git branch -a

GitNewBranch

\* master

remotes/origin/master

PS D:\GitDemo> git checkout GitNewBranch

Switched to branch 'GitNewBranch'

PS D:\GitDemo> notepad++ GITHOL3.txt

PS D:\GitDemo> git add GITHOL3.txt

PS D:\GitDemo> git commit -m "Added newfile.txt in GitNewBranch"

[GitNewBranch af14181] Added newfile.txt in GitNewBranch

1 file changed, 1 insertion(+)

create mode 100644 GITHOL3.txt

PS D:\GitDemo> git status

On branch GitNewBranch

nothing to commit, working tree clean

PS D:\GitDemo> git checkout master

Switched to branch 'master'

Your branch is up to date with 'origin/master'.

PS D:\GitDemo> git diff master..GitNewBranch

diff --git a/GITHOL3.txt b/GITHOL3.txt

new file mode 100644

index 0000000..2ed0be4

--- /dev/null

+++ b/GITHOL3.txt

@@ -0,0 +1 @@

+This is a test file in GitNewBranch

PS D:\GitDemo> git mergetool

This message is displayed because 'merge.tool' is not configured.

See 'git mergetool --tool-help' or 'git help config' for more details.

'git mergetool' will now attempt to use one of the following tools:

tortoisemerge emerge vimdiff nvimdiff

No files need merging

PS D:\GitDemo> git mergetool

No files need merging

PS D:\GitDemo> git checkout GitNewBranch

Switched to branch 'GitNewBranch'

PS D:\GitDemo> git checkout master

error: Your local changes to the following files would be overwritten by checkout:

GITHOL3.txt

Please commit your changes or stash them before you switch branches.

Aborting

PS D:\GitDemo> notepad++ GITHOL3.txt

PS D:\GitDemo> git add GITHOL3.txt

PS D:\GitDemo> git commit -m "Edited GITHOL3.txt in master"

[GitNewBranch f4a00be] Edited GITHOL3.txt in master

1 file changed, 1 insertion(+), 1 deletion(-)

PS D:\GitDemo> git merge GitNewBranch

Already up to date.

PS D:\GitDemo> git mergetool

No files need merging

PS D:\GitDemo> git checkout master

Switched to branch 'master'

Your branch is up to date with 'origin/master'.

PS D:\GitDemo> git merge GitNewBranch

Updating 8c14aa8..f4a00be

Fast-forward

GITHOL3.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 GITHOL3.txt

PS D:\GitDemo> git mergetool

No files need merging

PS D:\GitDemo>

PS D:\GitDemo> git log --oneline --graph --decorate

\* f4a00be (HEAD -> master, GitNewBranch) Edited GITHOL3.txt in master

\* af14181 Added newfile.txt in GitNewBranch

\* 8c14aa8 (origin/master) Ignore .log files and log folder

\* c9e8d06 Initial commit

PS D:\GitDemo> git branch -d GitNewBranch

Deleted branch GitNewBranch (was f4a00be).

PS D:\GitDemo> git branch

\* master

PS D:\GitDemo> git push origin master

Enumerating objects: 7, done.

Counting objects: 100% (7/7), done.

Delta compression using up to 12 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (6/6), 710 bytes | 355.00 KiB/s, done.

Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

remote:

remote: To create a merge request for master, visit:

remote: https://gitlab.com/apahari0231/gitdemo/-/merge\_requests/new?merge\_request%5Bsource\_branch%5D=master

remote:

To gitlab.com:apahari0231/gitdemo.git

8c14aa8..f4a00be master -> master

PS D:\GitDemo>