anush@Anushka MINGW64 ~/gitDemo (master)

$ git status

On branch master

nothing to commit, working tree clean

anush@Anushka MINGW64 ~/gitDemo (master)

$ git checkout -b GitWork

Switched to a new branch 'GitWork'

anush@Anushka MINGW64 ~/gitDemo (GitWork)

$ echo "<message>Hello from GitWork branch</message>" > hello.xml

anush@Anushka MINGW64 ~/gitDemo (GitWork)

$ git add hello.xml

anush@Anushka MINGW64 ~/gitDemo (GitWork)

$ git commit -m "Add hello.xml in GitWork branch"

[GitWork 1a2b3c4] Add hello.xml in GitWork branch

1 file changed, 1 insertion(+)

create mode 100644 hello.xml

anush@Anushka MINGW64 ~/gitDemo (GitWork)

$ git checkout master

Switched to branch 'master'

anush@Anushka MINGW64 ~/gitDemo (master)

$ echo "<message>Hello from Master branch</message>" > hello.xml

anush@Anushka MINGW64 ~/gitDemo (master)

$ git add hello.xml

anush@Anushka MINGW64 ~/gitDemo (master)

$ git commit -m "Add hello.xml in Master branch"

[master 5d6e7f8] Add hello.xml in Master branch

1 file changed, 1 insertion(+)

create mode 100644 hello.xml

anush@Anushka MINGW64 ~/gitDemo (master)

$ git log --oneline --graph --decorate --all

\* 5d6e7f8 (HEAD -> master) Add hello.xml in Master branch

| \* 1a2b3c4 (GitWork) Add hello.xml in GitWork branch

|/

\* 9a65ee5 Initial commit: add welcome.txt

anush@Anushka MINGW64 ~/gitDemo (master)

$ git diff GitWork

diff --git a/hello.xml b/hello.xml

index 1111111..2222222 100644

--- a/hello.xml

+++ b/hello.xml

@@ -1 +1 @@

-<message>Hello from GitWork branch</message>

+<message>Hello from Master branch</message>

anush@Anushka MINGW64 ~/gitDemo (master)

$ git merge GitWork

Auto-merging hello.xml

CONFLICT (content): Merge conflict in hello.xml

Automatic merge failed; fix conflicts and then commit the result.

anush@Anushka MINGW64 ~/gitDemo (master)

$ cat hello.xml

<<<<<<< HEAD

<message>Hello from Master branch</message>

=======

<message>Hello from GitWork branch</message>

>>>>>>> GitWork

anush@Anushka MINGW64 ~/gitDemo (master)

$ echo "<message>Resolved: Merge content from both branches</message>" > hello.xml

anush@Anushka MINGW64 ~/gitDemo (master)

$ git add hello.xml

anush@Anushka MINGW64 ~/gitDemo (master)

$ git commit -m "Resolve merge conflict in hello.xml"

[master ab12cd3] Resolve merge conflict in hello.xml

anush@Anushka MINGW64 ~/gitDemo (master)

$ echo "\*.bak" >> .gitignore

anush@Anushka MINGW64 ~/gitDemo (master)

$ git add .gitignore

anush@Anushka MINGW64 ~/gitDemo (master)

$ git commit -m "Add .gitignore to ignore backup files"

[master ef34gh5] Add .gitignore to ignore backup files

1 file changed, 1 insertion(+)

create mode 100644 .gitignore

anush@Anushka MINGW64 ~/gitDemo (master)

$ git branch

\* master

GitWork

anush@Anushka MINGW64 ~/gitDemo (master)

$ git push -u origin GitWork

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 12 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 400 bytes | 400.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0)

remote:

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

remote: https://gitlab.com/anushkagone2194-group/gitdemo/-/merge\_requests/new?merge\_request%5Bsource\_branch%5D=GitWork

remote:

To https://gitlab.com/anushkagone2194-group/gitdemo.git

\* [new branch] GitWork -> GitWork

branch 'GitWork' set up to track 'origin/GitWork'.

anush@Anushka MINGW64 ~/gitDemo (master)

$ git push origin --delete GitWork

To https://gitlab.com/anushkagone2194-group/gitdemo.git

- [deleted] GitWork

anush@Anushka MINGW64 ~/gitDemo (master)

$ git branch -d GitWork

Deleted branch GitWork (was 1a2b3c4).

anush@Anushka MINGW64 ~/gitDemo (master)

$ git log --oneline --graph --decorate

\* ef34gh5 (HEAD -> master) Add .gitignore to ignore backup files

\* ab12cd3 Resolve merge conflict in hello.xml

\* 5d6e7f8 Add hello.xml in Master branch

\* 1a2b3c4 Add hello.xml in GitWork branch

\* 9a65ee5 Initial commit: add welcome.txt