kmoha@Mohanakumar MINGW64 ~ (master)

$ cd ~/Desktop

kmoha@Mohanakumar MINGW64 ~/Desktop (master)

$ mkdir git-conflict-lab1

kmoha@Mohanakumar MINGW64 ~/Desktop (master)

$ cd git-conflict-lab1

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ git init -b master

Initialized empty Git repository in C:/Users/kmoha/Desktop/git-conflict-lab1/.git/

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ echo "Initial file" > readme.txt

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ git add readme.txt

warning: in the working copy of 'readme.txt', LF will be replaced by CRLF the next time Git touches it

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ git commit -m "Initial commit on master"

[master (root-commit) 611f1b4] Initial commit on master

1 file changed, 1 insertion(+)

create mode 100644 readme.txt

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ git checkout -b GitWork

Switched to a new branch 'GitWork'

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (GitWork)

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

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (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

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (GitWork)

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

[GitWork 5f5a4fc] Add hello.xml in GitWork branch

1 file changed, 1 insertion(+)

create mode 100644 hello.xml

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (GitWork)

$ echo "<message>Updated in GitWork branch</message>" > hello.xml

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (GitWork)

$ git commit -am "Update hello.xml in GitWork branch"

warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it

[GitWork 0b13752] Update hello.xml in GitWork branch

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

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (GitWork)

$ git checkout master

Switched to branch 'master'

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

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

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ git add hello.xml

warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

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

[master 0617907] Add hello.xml in master branch

1 file changed, 1 insertion(+)

create mode 100644 hello.xml

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

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

\* 0617907 (**HEAD** -> **master**) Add hello.xml in master branch

| \* 0b13752 (**GitWork**) Update hello.xml in GitWork branch

| \* 5f5a4fc Add hello.xml in GitWork branch

|/

\* 611f1b4 Initial commit on master

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ 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.

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master|MERGING)

$ git mergetool

Merging:

hello.xml

Normal merge conflict for 'hello.xml':

{local}: created file

{remote}: created file

hello.xml seems unchanged.

Was the merge successful [y/n]? y

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master|MERGING)

$ git commit

[master 5569c74] Merge branch 'GitWork'

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

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

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ git add .gitignore

warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ git commit -m "Ignore merge backup files"

[master 9b24ba7] Ignore merge backup files

1 file changed, 1 insertion(+)

create mode 100644 .gitignore

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ git status

On branch master

nothing to commit, working tree clean

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

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

\* 9b24ba7 (**HEAD** -> **master**) Ignore merge backup files

\* 5569c74 Merge branch 'GitWork'

|\

| \* 0b13752 (**GitWork**) Update hello.xml in GitWork branch

| \* 5f5a4fc Add hello.xml in GitWork branch

\* | 0617907 Add hello.xml in master branch

|/

\* 611f1b4 Initial commit on master

kmoha@Mohanakumar MINGW64 ~/Desktop/git-conflict-lab1 (master)

$ git branch -d GitWork

Deleted branch GitWork (was 0b13752).