**3.GIT-HOL**

**CODE:**

Manikandan@Manikandan MINGW64 ~

$ cd "/c/Users/Manikandan/OneDrive/Desktop/Week8/3.GIT-HOL"

Manikandan@Manikandan MINGW64 ~/OneDrive/Desktop/Week8/3.GIT-HOL (master)

$ git branch GitNewBranch

fatal: a branch named 'GitNewBranch' already exists

Manikandan@Manikandan MINGW64 ~/OneDrive/Desktop/Week8/3.GIT-HOL (master)

$ git checkout master

echo "This is change from master branch" > masterfile.txt

git add masterfile.txt

git commit -m "Edit masterfile.txt in master"

Already on 'master'

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

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

3.GIT-HOL.docx

OUTPUT/

gitignore-lab/

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

Manikandan@Manikandan MINGW64 ~/OneDrive/Desktop/Week8/3.GIT-HOL (master)

$ git checkout GitNewBranch

echo "This is change from GitNewBranch" > masterfile.txt

git add masterfile.txt

git commit -m "Edit masterfile.txt in GitNewBranch"

Switched to branch 'GitNewBranch'

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

[GitNewBranch 0ed53d7] Edit masterfile.txt in GitNewBranch

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

Manikandan@Manikandan MINGW64 ~/OneDrive/Desktop/Week8/3.GIT-HOL (GitNewBranch)

$ git checkout master

git merge GitNewBranch

Switched to branch 'master'

Auto-merging masterfile.txt

CONFLICT (content): Merge conflict in masterfile.txt

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

Manikandan@Manikandan MINGW64 ~/OneDrive/Desktop/Week8/3.GIT-HOL (master|MERGING)

$ git mergetool

Merging:

masterfile.txt

Normal merge conflict for 'masterfile.txt':

{local}: modified file

{remote}: modified file

Manikandan@Manikandan MINGW64 ~/OneDrive/Desktop/Week8/3.GIT-HOL (master|MERGING)

$ git commit

[master fe09d9e] Merge branch 'GitNewBranch'

Manikandan@Manikandan MINGW64 ~/OneDrive/Desktop/Week8/3.GIT-HOL (master)

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

\* fe09d9e (HEAD -> master) Merge branch 'GitNewBranch'

|\

| \* 0ed53d7 (GitNewBranch) Edit masterfile.txt in GitNewBranch

\* | 843533b Merge branch 'GitNewBranch'

|\|

| \* e951bf0 Added branchfile.txt in GitNewBranch

\* | 65571d2 Update masterfile.txt in master

|/

\* 658c3bf Initial commit in master branch

Manikandan@Manikandan MINGW64 ~/OneDrive/Desktop/Week8/3.GIT-HOL (master)

$ git branch -d GitNewBranch

git status

Deleted branch GitNewBranch (was 0ed53d7).

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

3.GIT-HOL.docx

COMMIT\_EDITMSG.txt

OUTPUT/

gitignore-lab/

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