**Week 8 (6397718 - PARVATHAREDDY CHARVI SANKAR)**

**Git bash:**

**Commands:**

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 3 commits.

(use "git push" to publish your local commits)

nothing to commit, working tree clean

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ git checkout -b GitWork

fatal: a branch named 'GitWork' already exists

parva@CharviSankar MINGW64 ~/GitDemo (master)

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

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 3 commits.

(use "git push" to publish your local commits)

Changes not staged for commit:

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

(use "git restore <file>..." to discard changes in working directory)

modified: hello.xml

no changes added to commit (use "git add" and/or "git commit -a")

parva@CharviSankar MINGW64 ~/GitDemo (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

parva@CharviSankar MINGW64 ~/GitDemo (master)

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

[master 0617370] Add hello.xml in GitWork branch

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

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ git checkout master

Already on 'master'

Your branch is ahead of 'origin/master' by 4 commits.

(use "git push" to publish your local commits)

parva@CharviSankar MINGW64 ~/GitDemo (master)

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

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:

opendiff kdiff3 tkdiff xxdiff meld tortoisemerge gvimdiff diffuse diffmerge ecmerge p4merge araxis bc codecompare smerge emerge vimdiff nvimdiff

Merging:

hello.xml

Normal merge conflict for 'hello.xml':

{local}: created file

{remote}: created file

Hit return to start merge resolution tool (vimdiff): n

3 files to edit

parva@CharviSankar MINGW64 ~/GitDemo (master|MERGING)

$ git add hello.xml

parva@CharviSankar MINGW64 ~/GitDemo (master|MERGING)

$ git commit -m "Resolved merge conflict for hello.xml"

[master 3398961] Resolved merge conflict for hello.xml

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ \*.bak

bash: \*.bak: command not found

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ hello.xml~

bash: hello.xml~: command not found

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ echo -e "\*.bak\nhello.xml~" >> .gitignore

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ \*.bak

bash: \*.bak: command not found

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ git add .gitignore

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

parva@CharviSankar MINGW64 ~/GitDemo (master)

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

[master 72ab696] Add backup files to .gitignore

1 file changed, 2 insertions(+)

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ git branch -a

GitWork

\* master

remotes/origin/master

parva@CharviSankar MINGW64 ~/GitDemo (master)

$ git branch -d GitWork

Deleted branch GitWork (was 943ff1b).

parva@CharviSankar MINGW64 ~/GitDemo (master)

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

\* 72ab696 (**HEAD** -> **master**) Add backup files to .gitignore

\* 3398961 Resolved merge conflict for hello.xml

|\

| \* 943ff1b Add hello.xml in GitWork branch

\* | 11a4a23 Add hello.xml in master branch with different content

\* | 0617370 Add hello.xml in GitWork branch

\* | 0395c96 Add hello.xml in master branch with different content

|/

\* 2a36f43 Added testfile.txt in GitNewBranch

\* 114bb35 Add .gitignore to ignore .log files and log folder

\* d532470 (**origin/master**) Added welcome.txt file

**Outputs:**



