**Week 8 (6397530-Nayudu Praveen Kumar)**

**GitDemo:**

**Commands:**

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git status

On branch main

Your branch is ahead of 'origin/main' by 2 commits.

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

nothing to commit, working tree clean

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git checkout -b GitWork

Switched to a new branch 'GitWork'

nayud@Praveen MINGW64 ~/GitDemo (GitWork)

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

nayud@Praveen MINGW64 ~/GitDemo (GitWork)

$ git status

On branch GitWork

Untracked files:

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

hello.xml

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

nayud@Praveen MINGW64 ~/GitDemo (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

nayud@Praveen MINGW64 ~/GitDemo (GitWork)

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

[GitWork 54d0110] Add hello.xml in GitWork branch

1 file changed, 1 insertion(+)

create mode 100644 hello.xml

nayud@Praveen MINGW64 ~/GitDemo (GitWork)

$ git checkout main

Switched to branch 'main'

Your branch is ahead of 'origin/main' by 2 commits.

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

nayud@Praveen MINGW64 ~/GitDemo (main)

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

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git add hello.xml

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

nayud@Praveen MINGW64 ~/GitDemo (main)

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

[main 32c51c6] Add hello.xml in master branch with different content

1 file changed, 1 insertion(+)

create mode 100644 hello.xml

nayud@Praveen MINGW64 ~/GitDemo (main)

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

\* 32c51c6 (**HEAD** -> **main**) Add hello.xml in master branch with different content

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): qa!

3 files to edit

nayud@Praveen MINGW64 ~/GitDemo (main|MERGING)

$ git add hello.xml

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

[main 34a9543] Resolved merge conflict for hello.xml

nayud@Praveen MINGW64 ~/GitDemo (main)

$ \*.bak

bash: \*.bak: command not found

nayud@Praveen MINGW64 ~/GitDemo (main)

$ \*.bak

bash: \*.bak: command not found

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git add .gitignore

nayud@Praveen MINGW64 ~/GitDemo (main)

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

[main 475d9a5] Add .bak files to .gitignore

1 file changed, 1 insertion(+)

nayud@Praveen MINGW64 ~/GitDemo (main)

$ \*.bak

bash: \*.bak: command not found

nayud@Praveen MINGW64 ~/GitDemo (main)

$ hello.xml~

bash: hello.xml~: command not found

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git add .gitignore

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git commit -m "Ignore .bak files"

[main 3f00a1e] Ignore .bak files

1 file changed, 1 insertion(+), 3 deletions(-)

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git add hello.xml

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git commit -m "Add hello.xml"

On branch main

Your branch is ahead of 'origin/main' by 7 commits.

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

Untracked files:

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

error.log

hello.xml.orig

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

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git branch -a

GitWork

\* main

remotes/origin/main

nayud@Praveen MINGW64 ~/GitDemo (main)

$ git branch -d GitWork

Deleted branch GitWork (was 54d0110).

nayud@Praveen MINGW64 ~/GitDemo (main)

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

\* 3f00a1e (**HEAD** -> **main**) Ignore .bak files

\* 475d9a5 Add .bak files to .gitignore

\* 34a9543 Resolved merge conflict for hello.xml

|\

| \* 54d0110 Add hello.xml in GitWork branch

\* | 32c51c6 Add hello.xml in master branch with different content

|/

\* 4b839c7 Added testfile.txt in GitNewBranch

\* 0aa70f0 Add .gitignore to ignore .log files and log folder

\* 476a09a (**origin/main**) Initial commit with welcome.txt

**Outputs:**



