**WEEK 8 - GIT EX 3**

# go to repository folder

cd ~/GitDemo

# create a new branch

git branch GitNewBranch

# list all branches

git branch -a

# switch to the new branch

git checkout GitNewBranch

# create a file in the new branch

echo "this is from GitNewBranch" > branchfile.txt

# stage and commit the new file

git add branchfile.txt

git commit -m "added branchfile.txt in GitNewBranch"

# check branch status

git status

# switch back to master

git checkout master

# list differences between master and the branch

git diff master GitNewBranch

# merge the branch into master

git merge GitNewBranch

# view log after merging

git log --oneline --graph --decorate

# delete the branch

git branch -d GitNewBranch

# check status

git status

# push final changes to remote

git push

**OUTPUT**

