**Git Hands-On**

**Implement conflict resolution when multiple users are updating the trunk (or master) in such a way that it results into a conflict with the branch’s modification.**

**Commands Used:**

cd GitDemo

git init

git checkout main

git status

git branch GitWork

git checkout GitWork

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

git status

git add hello.xml

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

git checkout main

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

git add hello.xml

git commit -m "Add hello.xml in main with different content"

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

git merge GitWork

notepad++ hello.xml

# (Resolve the conflict manually and save)

git add hello.xml

git commit -m "Resolved conflict in hello.xml"

notepad++ .gitignore

# (Add: \*.orig)

git add .gitignore

git commit -m "Add .orig to .gitignore"

git branch -d GitWork

git log --oneline --graph –decorate





