**4. GIT-HOL**

echo "\*.orig" >> .gitignore

git add .gitignore

git commit -m "Added .orig files to .gitignore"

git checkout master

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

git add hello.xml

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

git checkout -b GitWork

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

git status

git add hello.xml

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

git branch -d GitWork

git log --oneline --graph --decorate

git add hello.xml

git commit -m "Resolved conflict in hello.xml while merging GitWork into master"

git config --global diff.tool p4merge

git config --global difftool.p4merge.cmd '"C:/Program Files/Perforce/p4merge.exe" "$LOCAL" "$REMOTE"'

git merge GitWork

Git and Git Bash installed

Notepad++ and P4Merge installed

A clean master branch in your local repository

git mergetool

P4Merge opens with:

BASE (common ancestor)

LOCAL (master)

REMOTE (GitWork)

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

git diff master GitWork

git difftool master GitWork