**4. GIT - HOL**

* **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.**

**Step 1: Install Prerequisites**

Install Git Bash

Install Notepad++ (Optional)

**Step 2: Execute all the below commands**

*cd GitDemo*

*git checkout -b GitWork*

*echo "Branch content" > hello.xml*

*git add hello.xml*

*git commit -m "hello.xml in GitWork"*

*git checkout master*

*echo "Master content" > hello.xml*

*git add hello.xml*

*git commit -m "hello.xml in master"*

*git merge GitWork*

**Step 3: Fix the file manually (choose or merge content), then:**

*git add hello.xml*

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

**Final Steps**

*echo "\*.\*~" >> .gitignore*

*git add .gitignore*

*git commit -m "Updated .gitignore"*

*git branch -d GitWork*

*git log --oneline --graph --decorate*

**OUTPUT:**



