**3. GIT - HOL**

* **Construct a branch, do some changes in the branch, and merge it with master (or trunk)**

**Step 1: Install Prerequisites**

Install Git Bash

Install Notepad++ (Optional)

**Step 2: Create Branch**

*git checkout -b GitNewBranch*

**Step 3: Add a File in Branch**

*echo "New feature branch file" > branch.txt*

*git add branch.txt*

*git commit -m "Added file in new branch"*

**Step 4: See Branches**

*git branch*

**Step 5: Switch to Master**

*git checkout master*

**Step 6: (Optional) View Changes Before Merge**

*git diff GitNewBranch*

To view visually using P4Merge:

*git mergetool*

**Step 7: Merge Branch**

*git merge GitNewBranch*

**Step 8: Check History**

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

**Step 9: Delete Branch**

*git branch -d GitNewBranch*

**OUTPUT:**



