**Week-8**

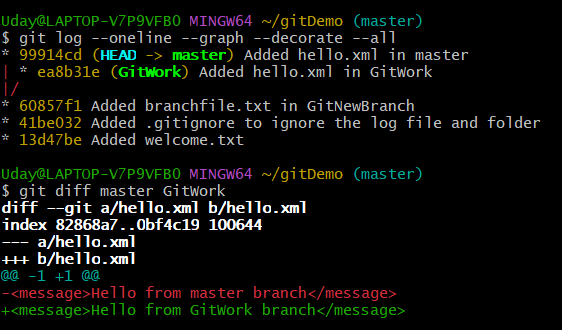
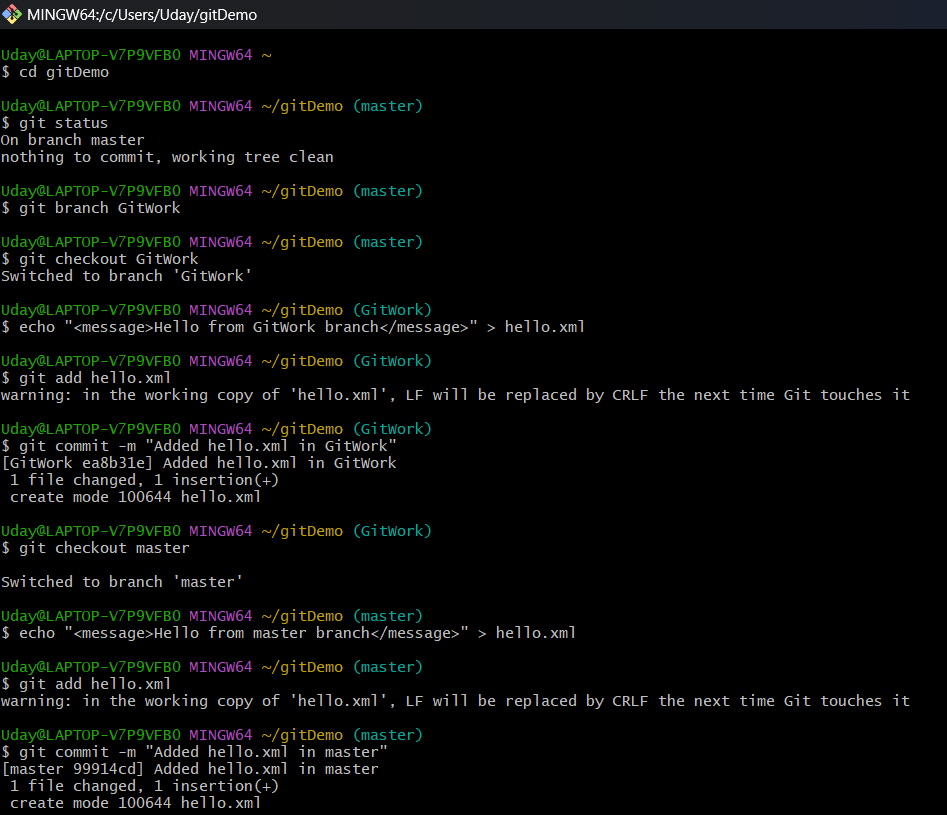
**Git-HOL**

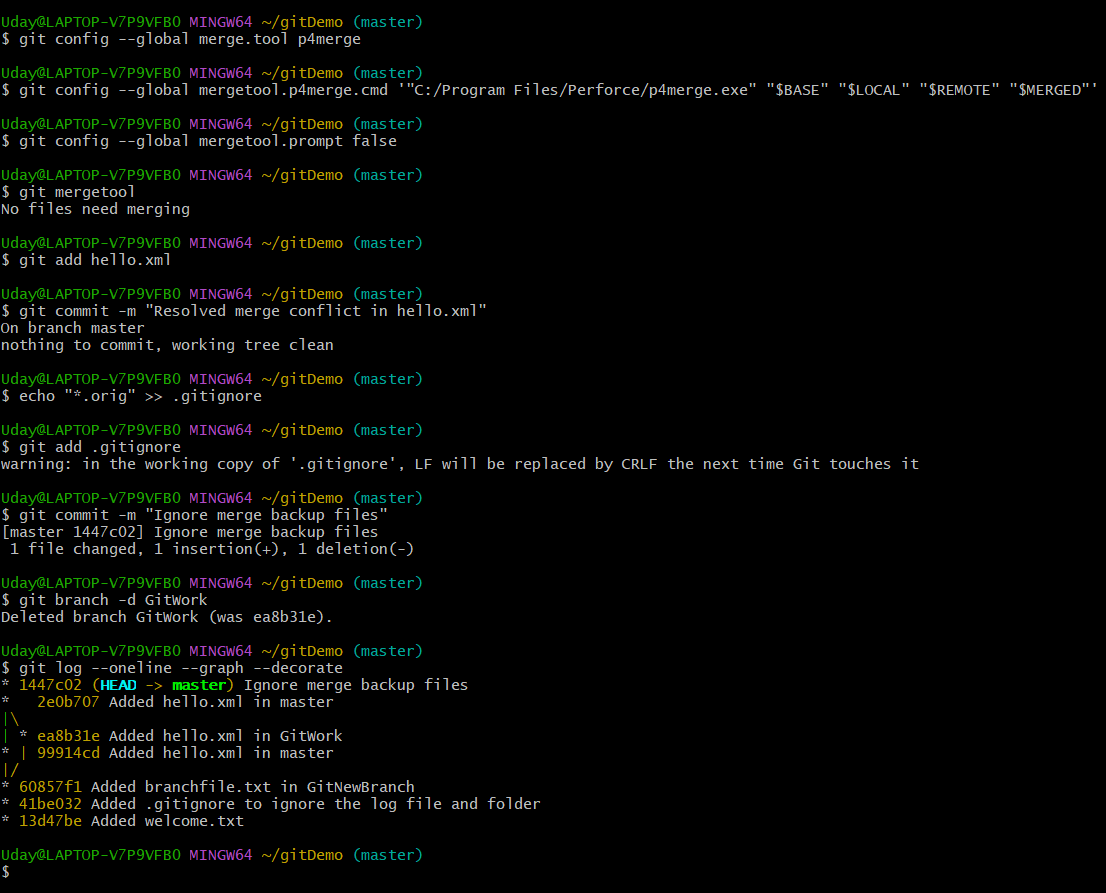
**4. Git-HOL hands on**

1. **Verify if master is in clean state.**
2. **Create a branch “GitWork”. Add a file “hello.xml”.**
3. **Update the content of “hello.xml” and observe the status**
4. **Commit the changes to reflect in the branch**
5. **Switch to master.**
6. **Add a file “hello.xml” to the master and add some different content than previous.**
7. **Commit the changes to the master**
8. **Observe the log by executing “git log –oneline –graph –decorate –all”**
9. **Check the differences with Git diff tool**
10. **For better visualization, use P4Merge tool to list out all the differences between master and branch**
11. **Merge the bran to the master**
12. **Observe the git mark up.**
13. **Use 3-way merge tool to resolve the conflict**
14. **Commit the changes to the master, once done with conflict**
15. **Observe the git status and add backup file to the .gitignore file.**
16. **Commit the changes to the .gitignore**
17. **List out all the available branches**
18. **Delete the branch, which merge to master.**
19. **Observe the log by executing “git log –oneline –graph –decorate”**

**Code:**

**Git bash:**



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