# 4.Git-HOL Steps

## 1. Verify if master is in a clean state

Command: git checkout master

git status

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## 2. Create a branch 'GitWork' and add a file 'hello.xml'

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A screen shot of a computer

AI-generated content may be incorrect.

## 3. Update the content of 'hello.xml' and observe the status

A screen shot of a computer program

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## 4. Commit the changes to reflect in the branch

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## 5. Switch to master

*git checkout master*

## 6. Add a file 'hello.xml' to master with different content

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

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AI-generated content may be incorrect.

## 7. Commit the changes to master

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

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## 8. Observe the log

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## 9. Check the differences with Git diff tool(CLI)

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## 10. Use P4Merge for visual comparison

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## 11. Merge the branch into master

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## 12. Commit the resolved file



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## 13. Check status and ignore backup files

A screen shot of a computer code

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## 14. Clean Up & View Log &Delete merged branch &View final log

A screenshot of a computer screen

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