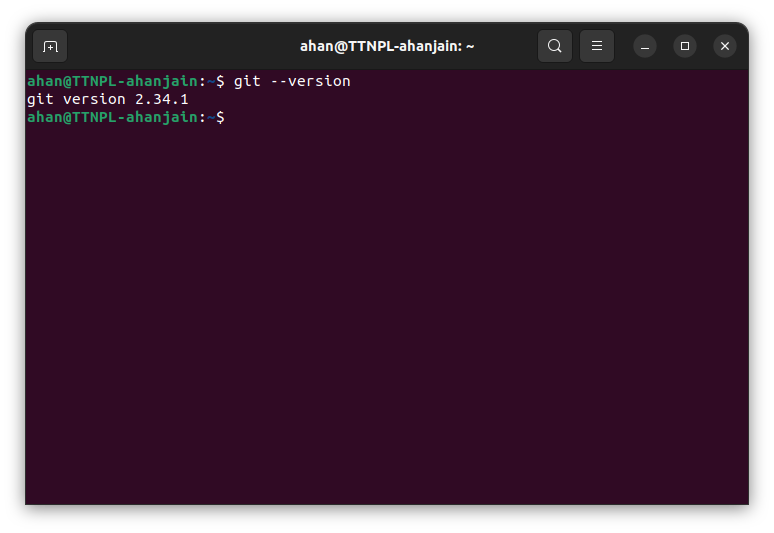
**Session: Introduction to Version Control**

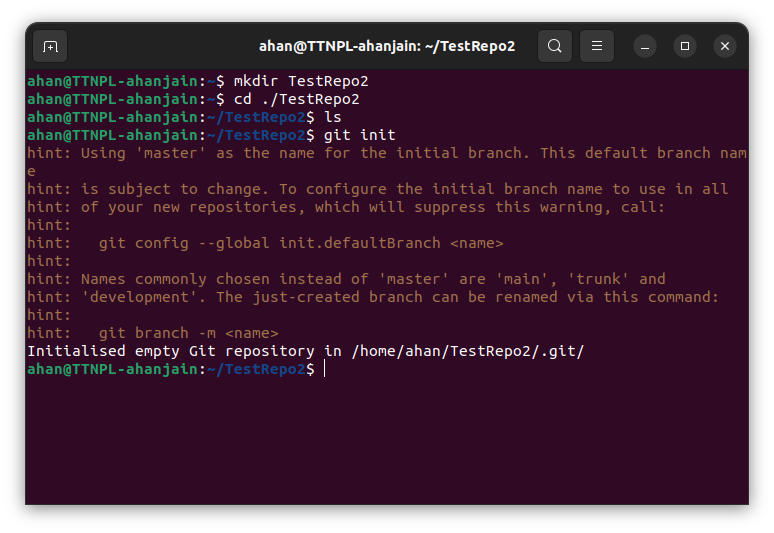
**Name: Ahan Jain**

**EmpID: 8202**

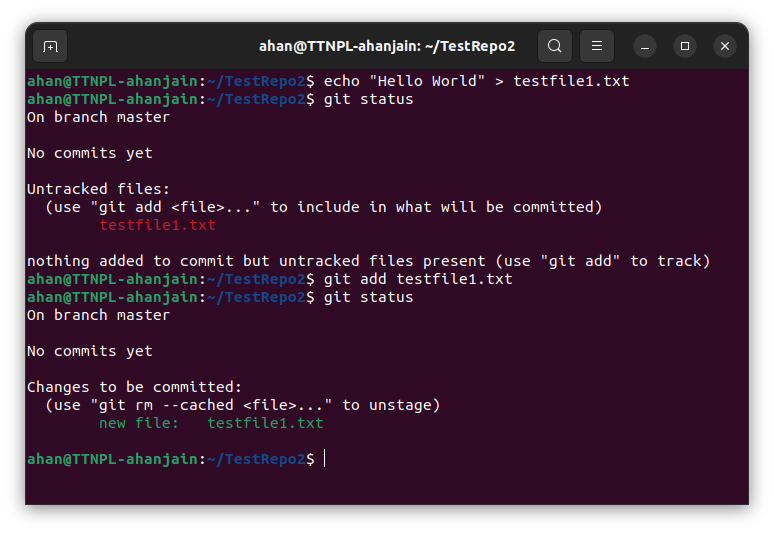
**1. Git Setup** [**https://confluence.atlassian.com/bitbucket/set-up-git-744723531.html**](https://confluence.atlassian.com/bitbucket/set-up-git-744723531.html)

****

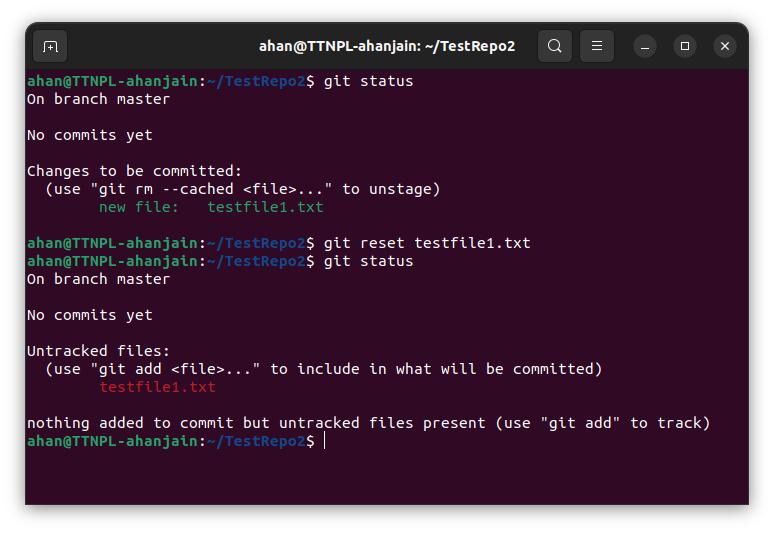
**2. Initialize a Git Repository**

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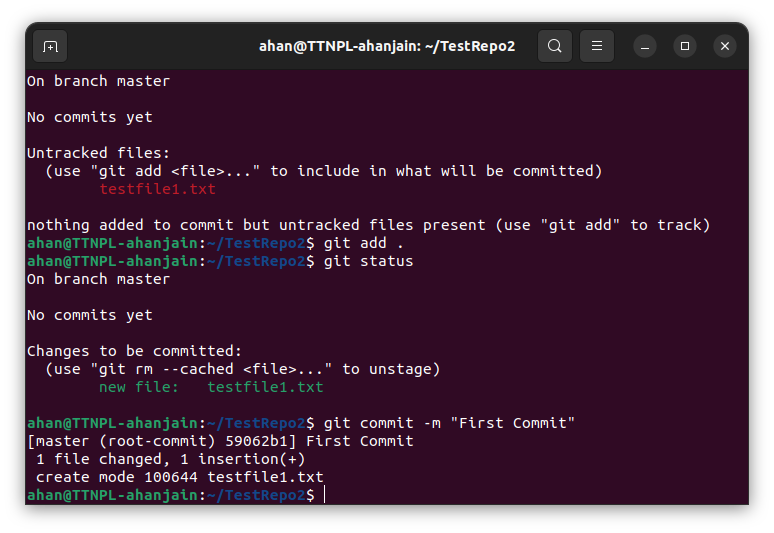
**3. Add files to the repository**

****

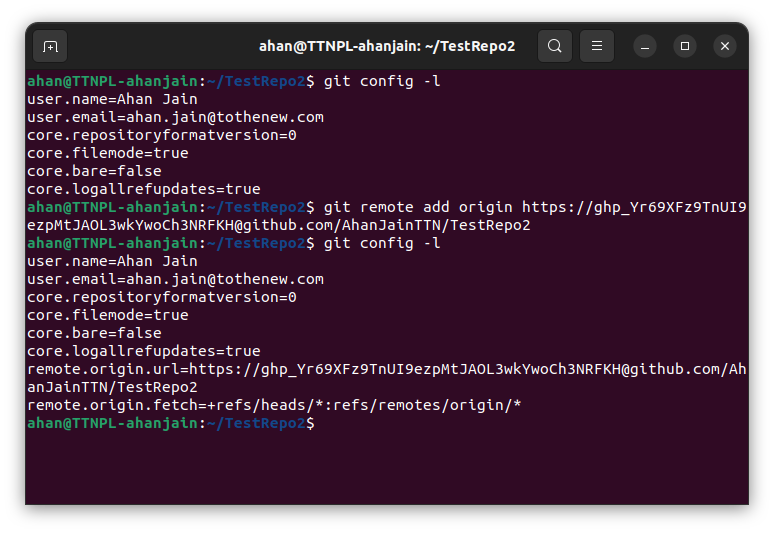
**4. Unstage 1 file**

****

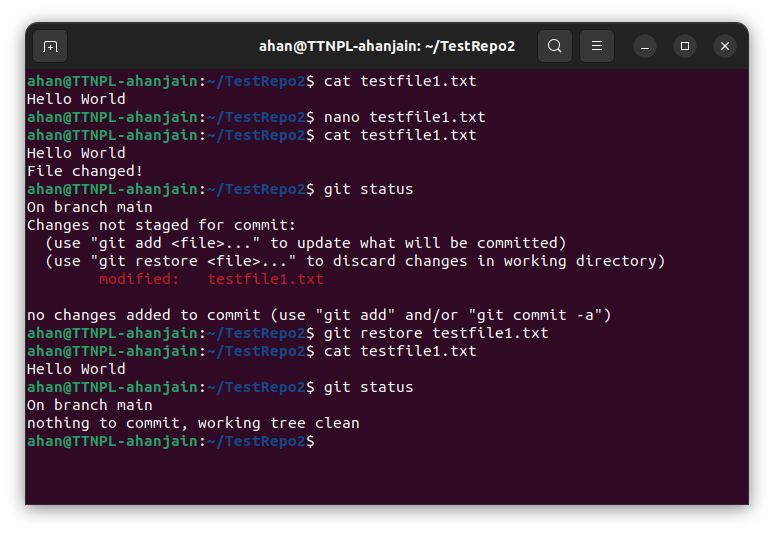
**5. Commit the file**

****

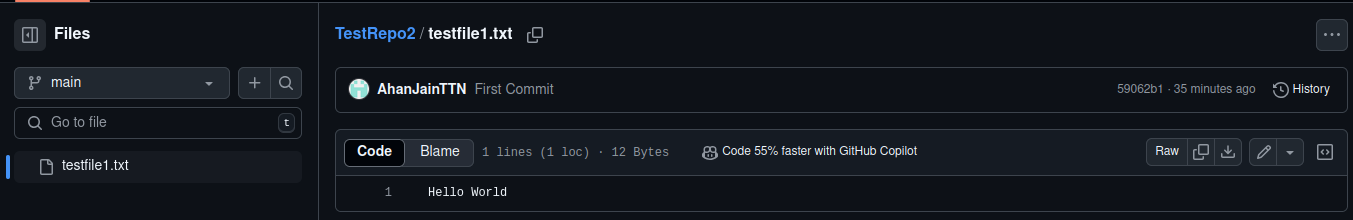
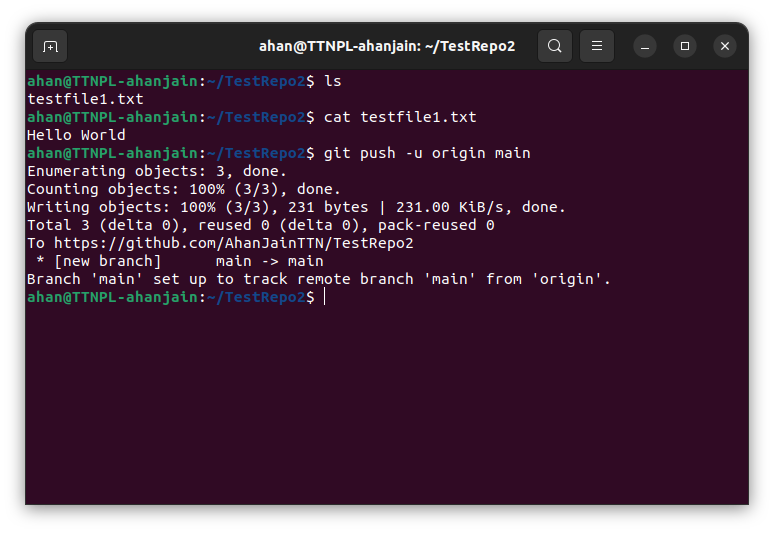
**6. Add a remote**

****

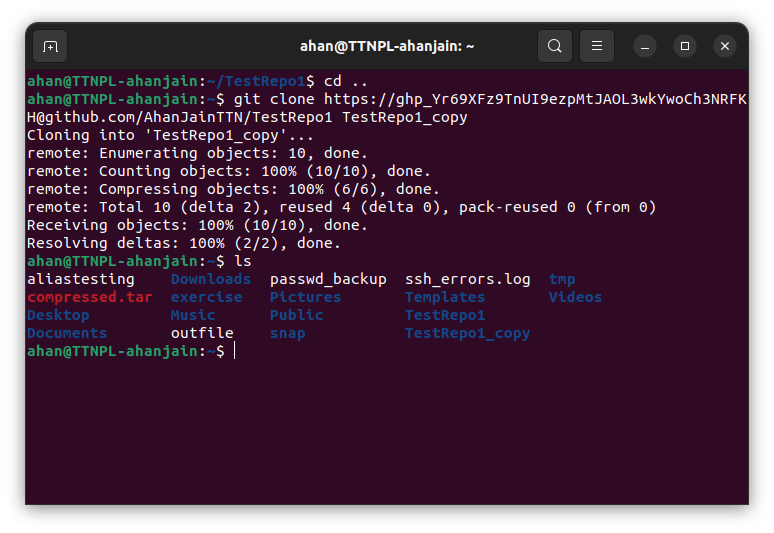
**7. Undo changes to a particular file**

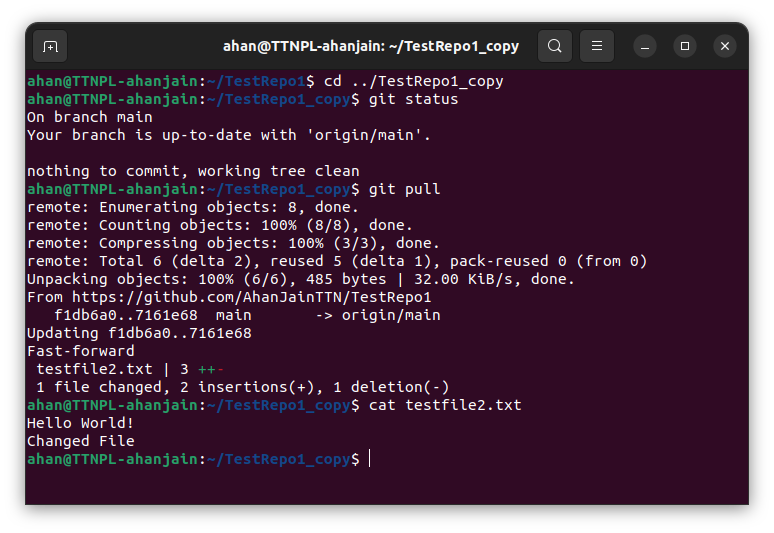
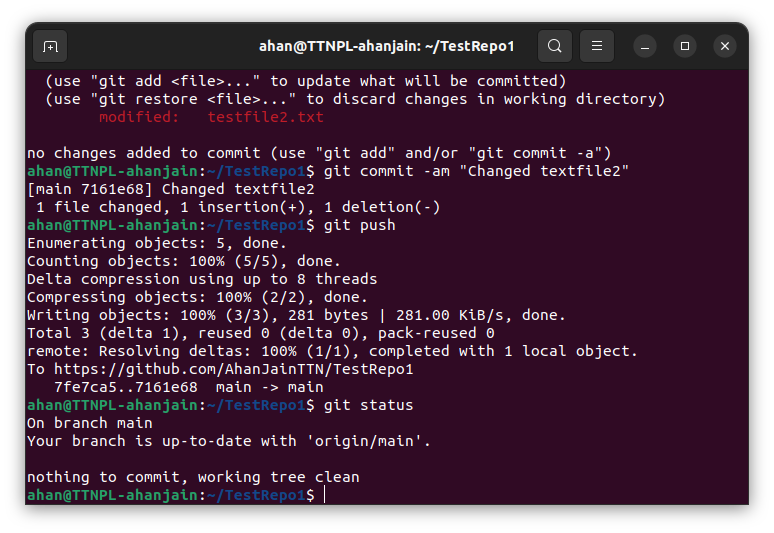
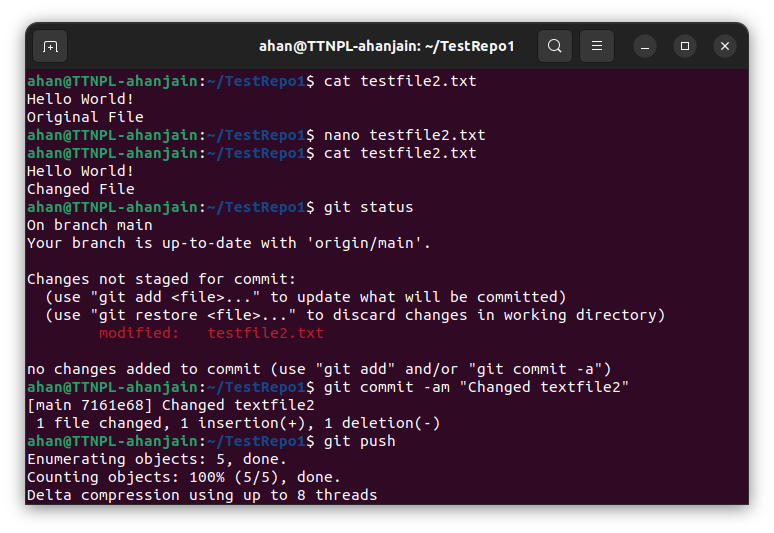
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**8. Push changes to Github**

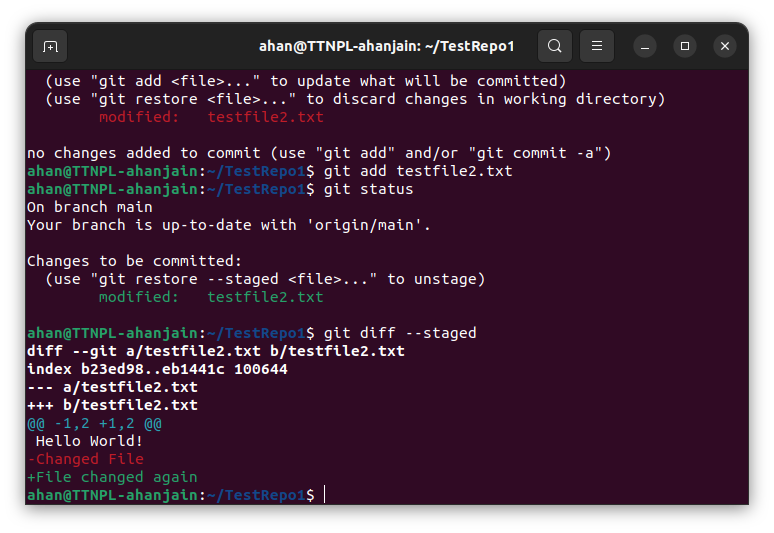
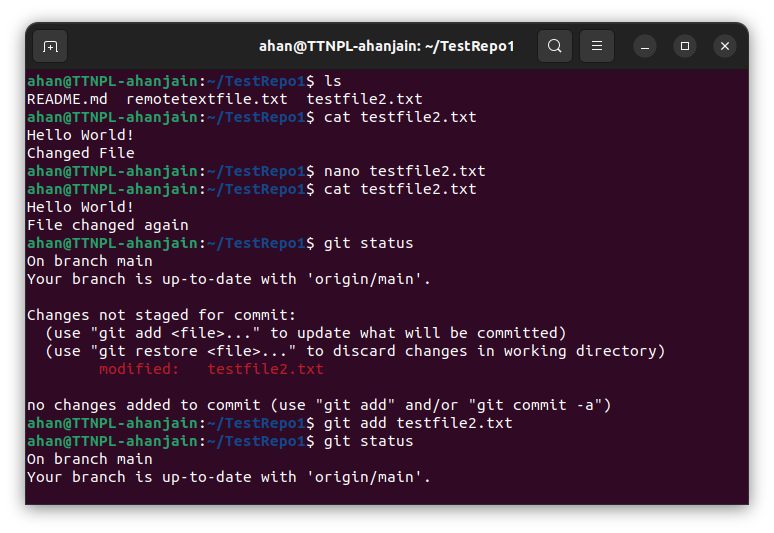
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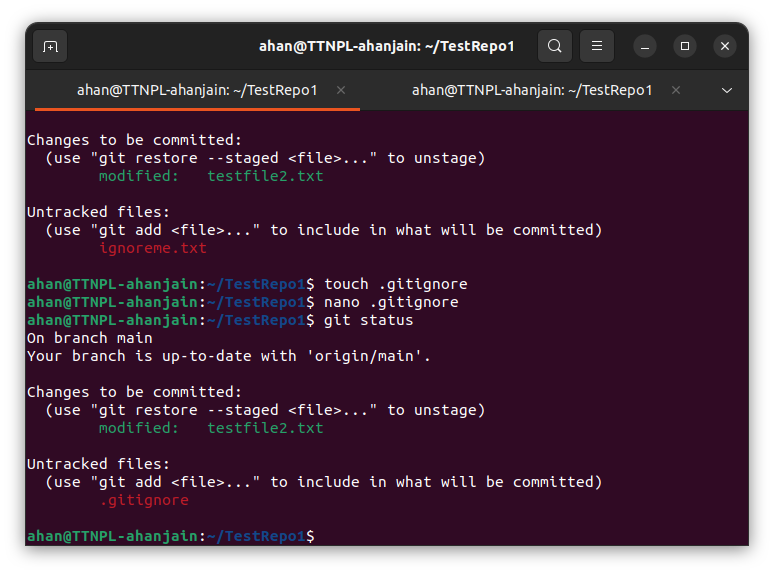
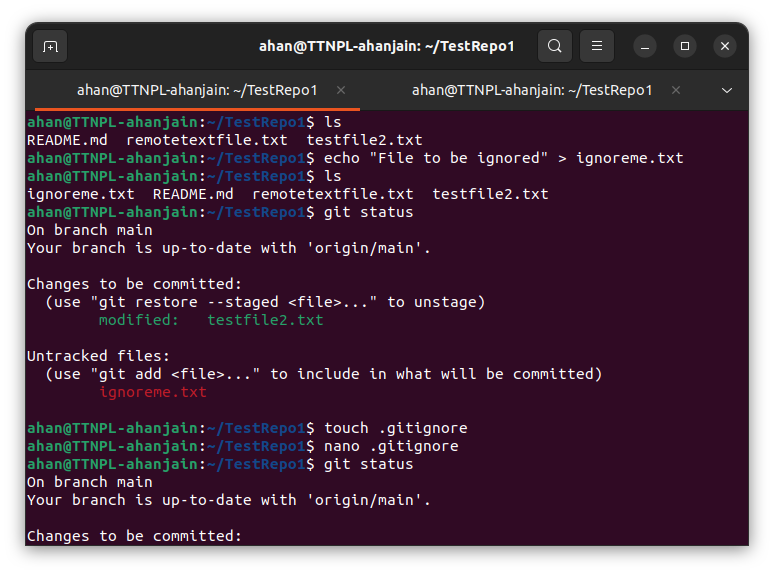
**9. Clone the repository**

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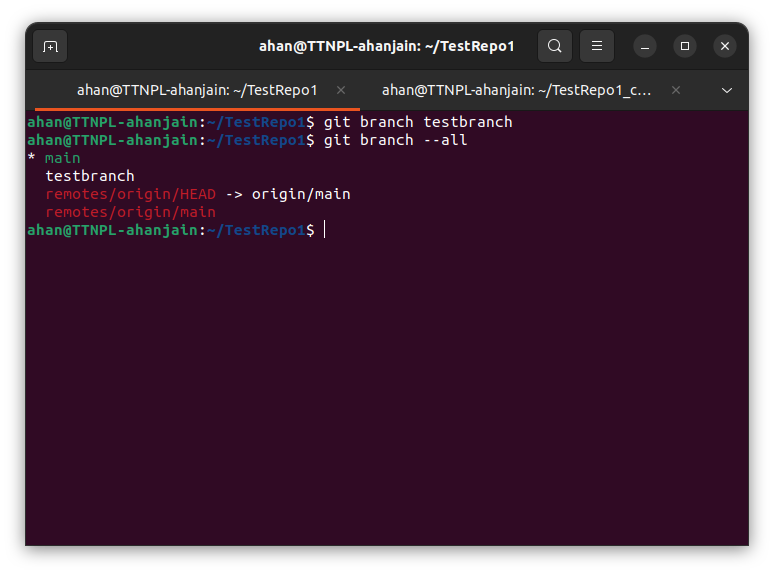
**10. Add changes to one of the copies and pull the changes in the other**

**11. Check differences between a file and its staged version**

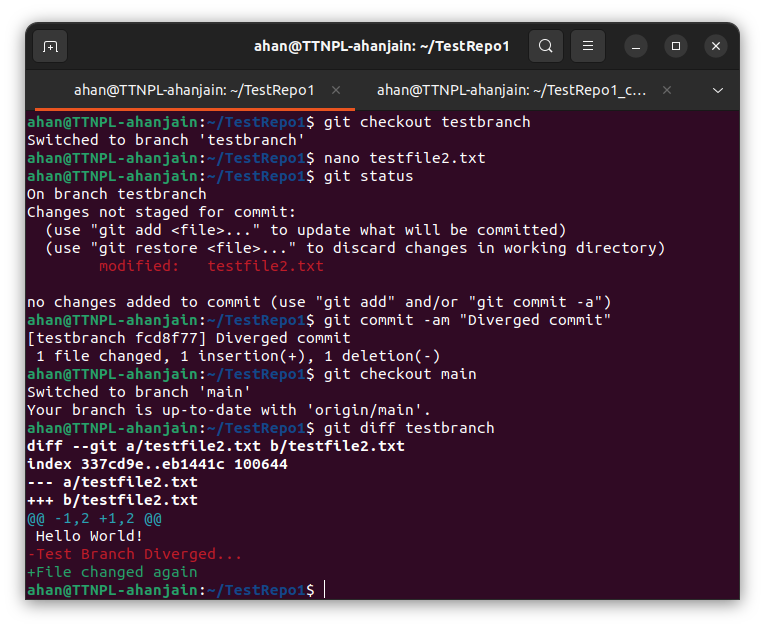
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**12. Ignore a few files to be checked in**

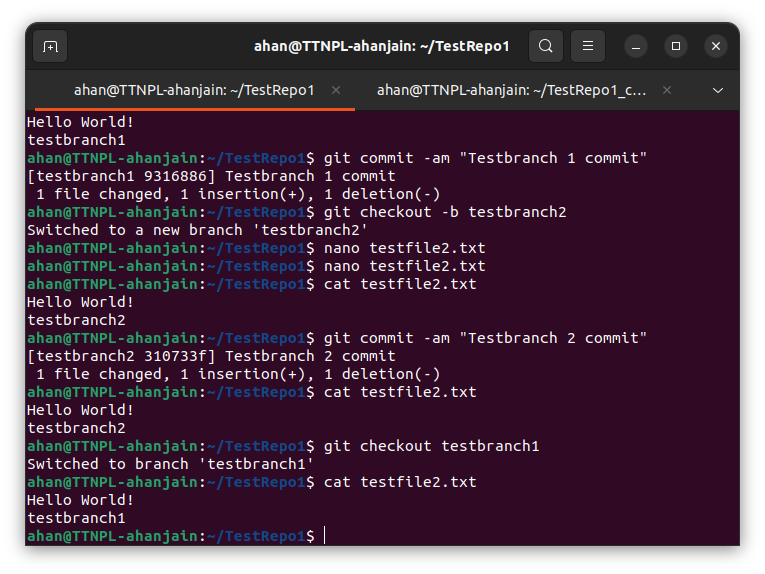
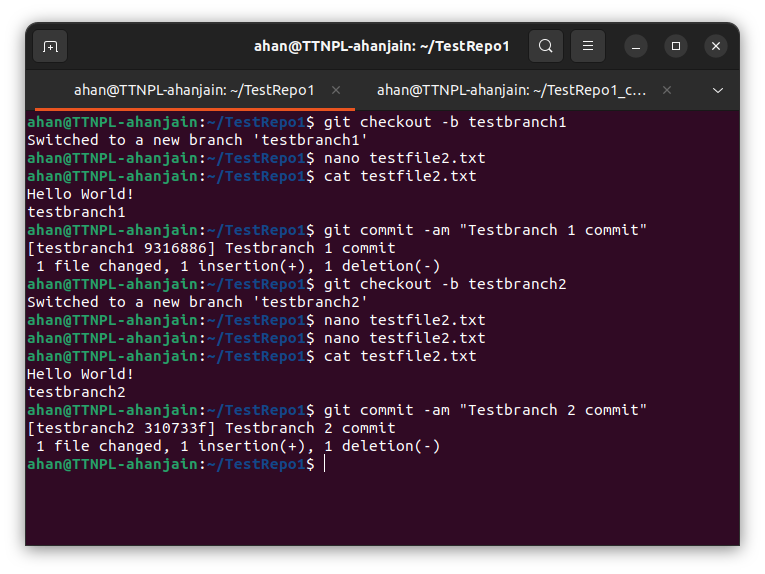
**13. Create a new branch**

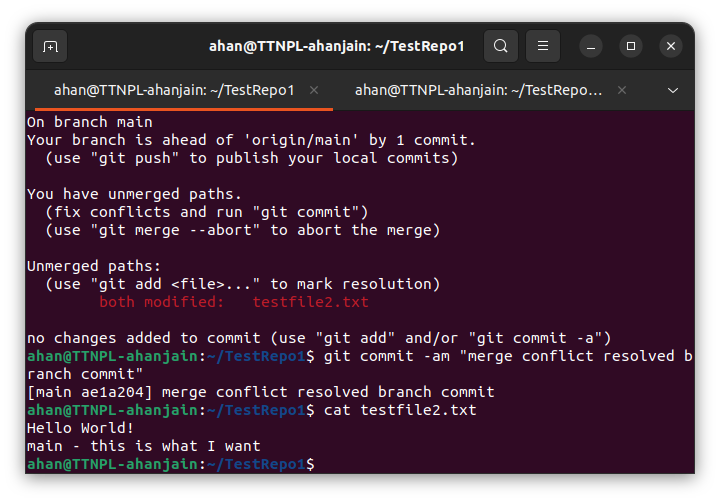
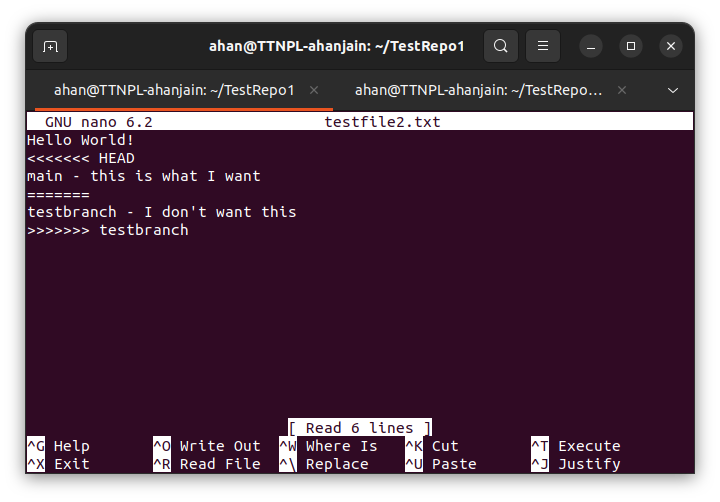
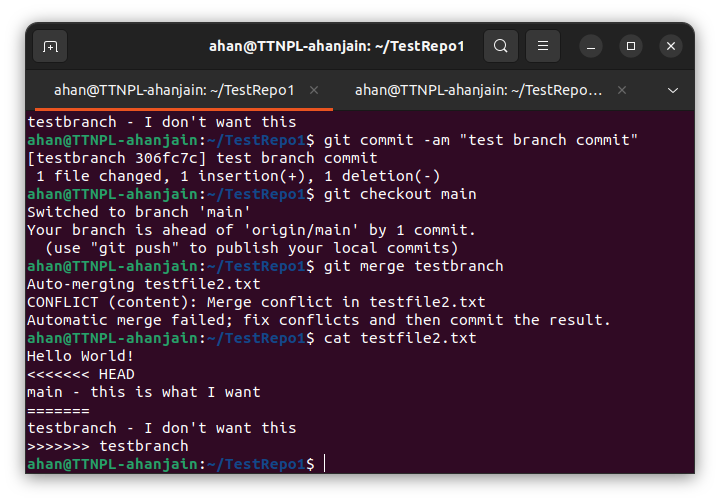
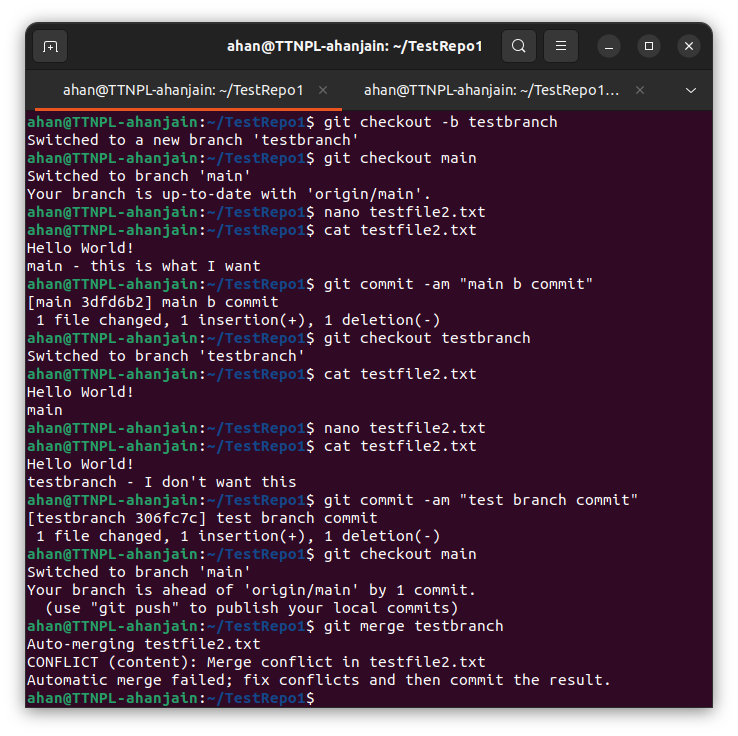
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**14. Diverge them with commits**

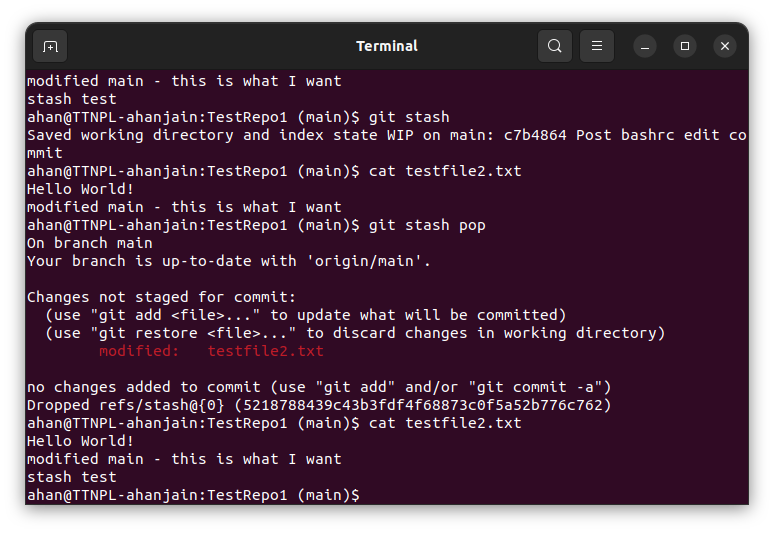
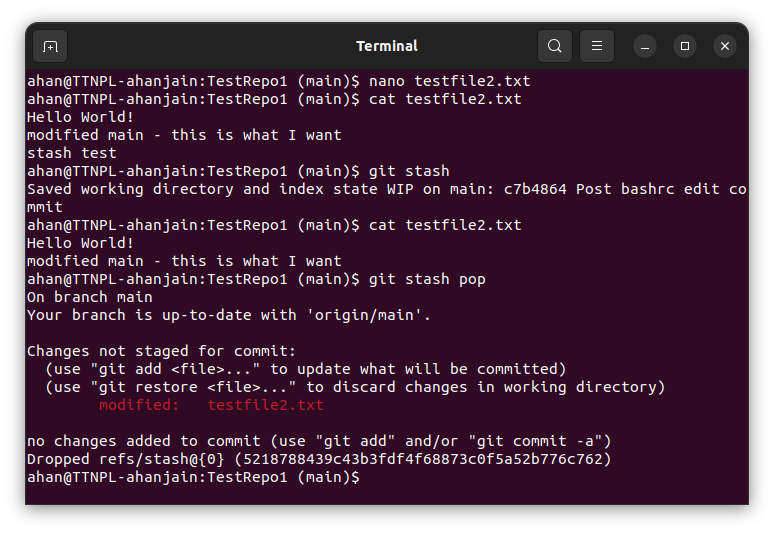
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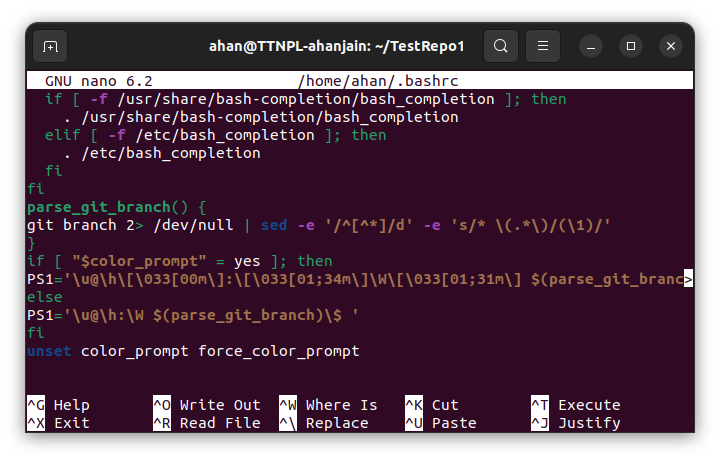
**15. Edit the same file at the same line on both branches and commit**

****

**16. Try merging and resolve merge conflicts**

**17. Stash the changes and pop them**

****

**18. Add the following code to your .bashrc file : color\_prompt="yes" parse\_git\_branch() { git branch 2> /dev/null | sed -e '/^[^\*]/d' -e 's/\* \(.\*\)/(\1)/' } if [ "$color\_prompt" = yes ]; then PS1='\u@\h\[\033[00m\]:\[\033[01;34m\]\W\[\033[01;31m\] $(parse\_git\_branch)\[\033[00m\]\$ else PS1='\u@\h:\W $(parse\_git\_branch)\$ ' fi unset color\_prompt force\_color\_prompt.**

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