**Introduction to Version Control**

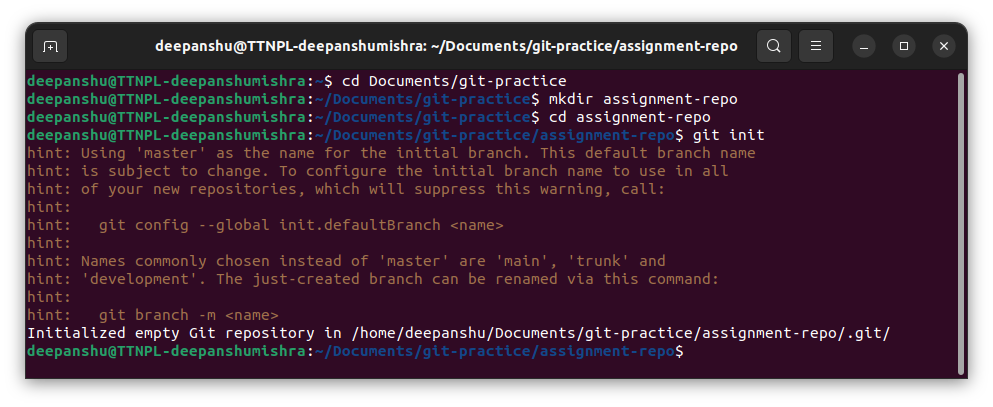
**Questions/Assignment**

https://docs.google.com/document/d/1IIhAduVJYiJ6Fp\_BMoLyjrWj4QNpH0Wqu09FJkUgOFQ/edit?tab=t.0

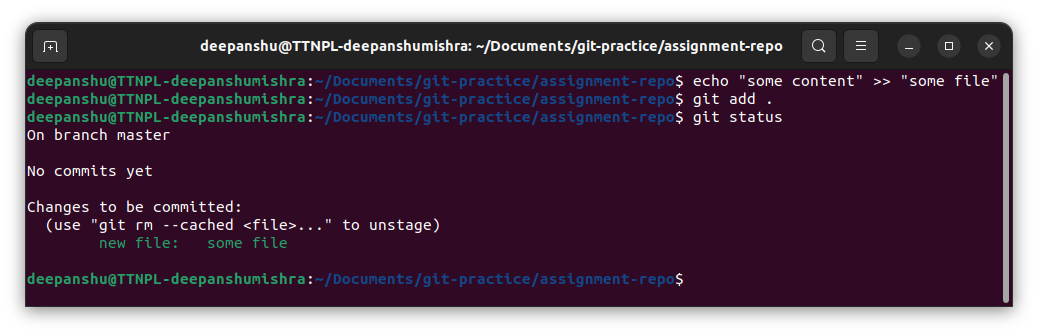
Q1)Git Setup <https://confluence.atlassian.com/bitbucket/set-up-git-744723531.html>



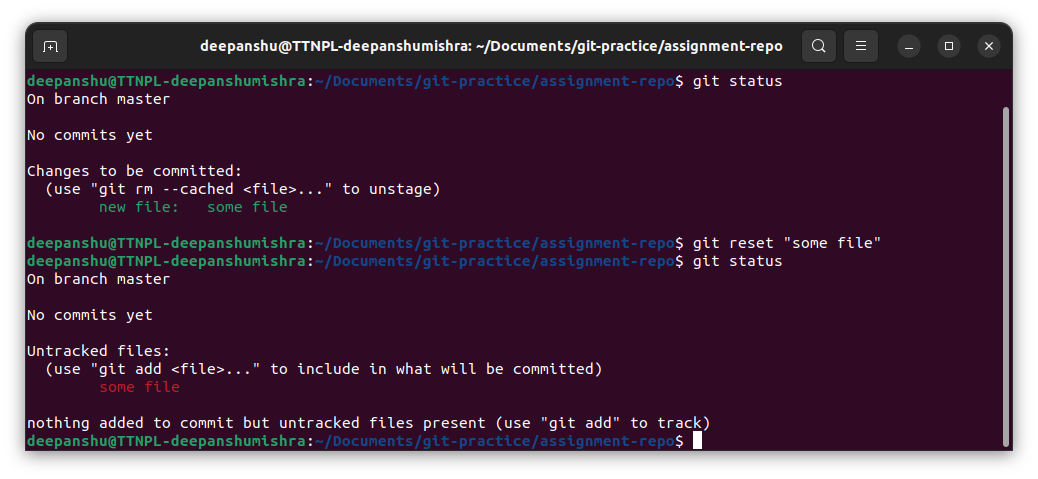
Q2)Initialize a Git Repository



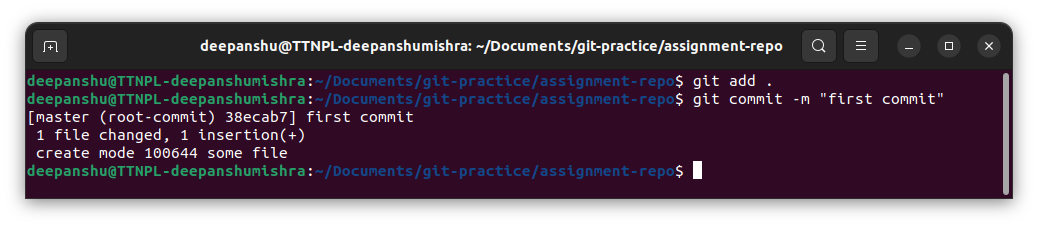
Q3)Add files to the repository



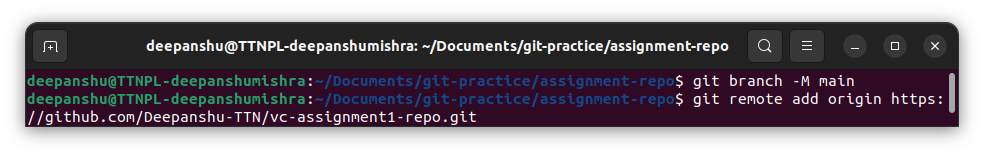
Q4)Unstage 1 file



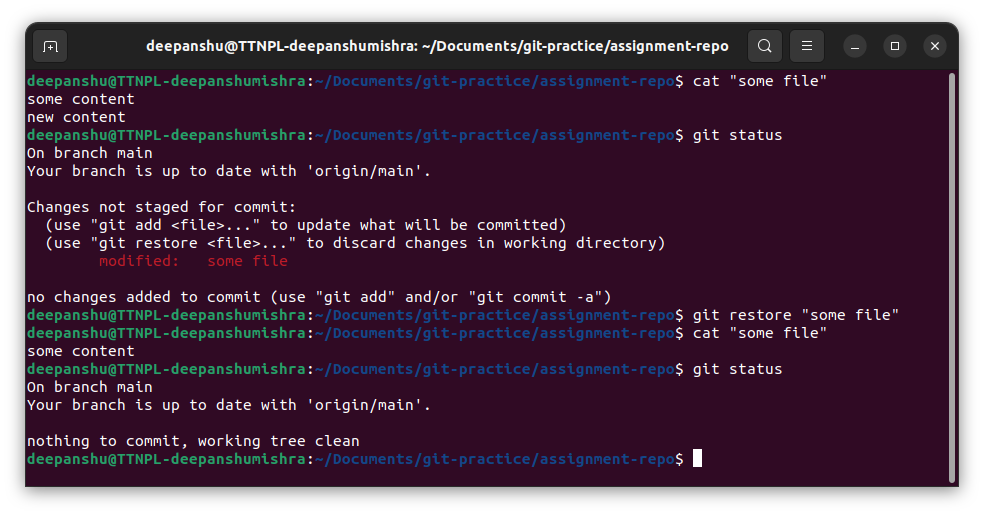
Q5)Commit the file



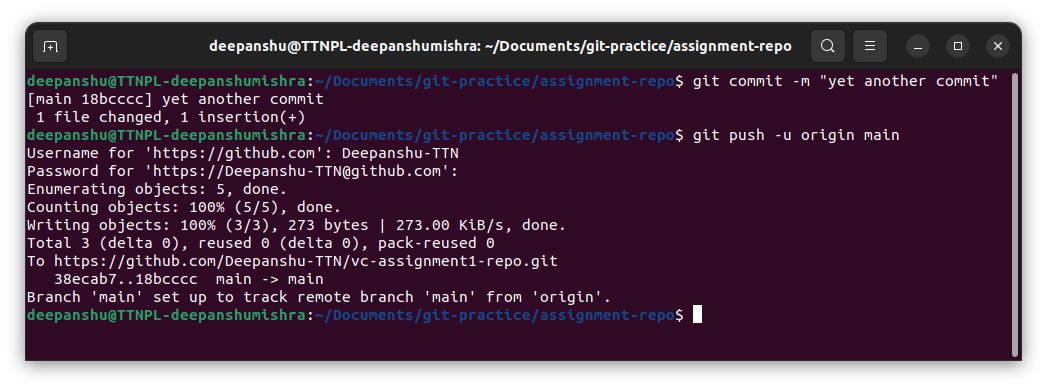
Q6)Add a remote



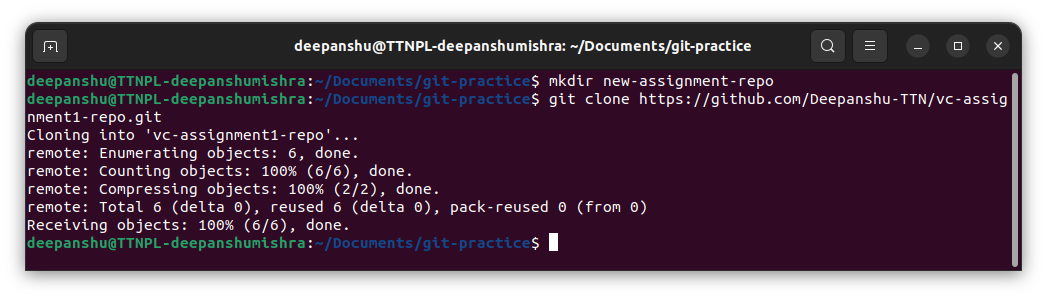
Q7)Undo changes to a particular file



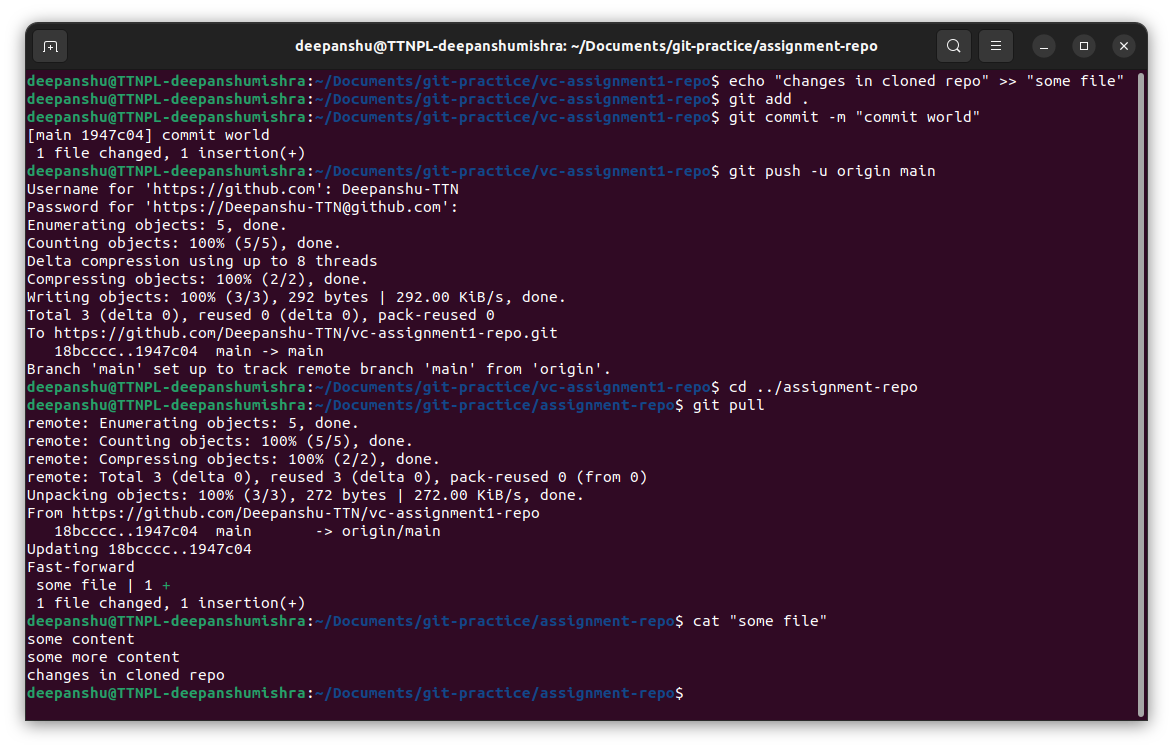
Q8)Push changes to Github



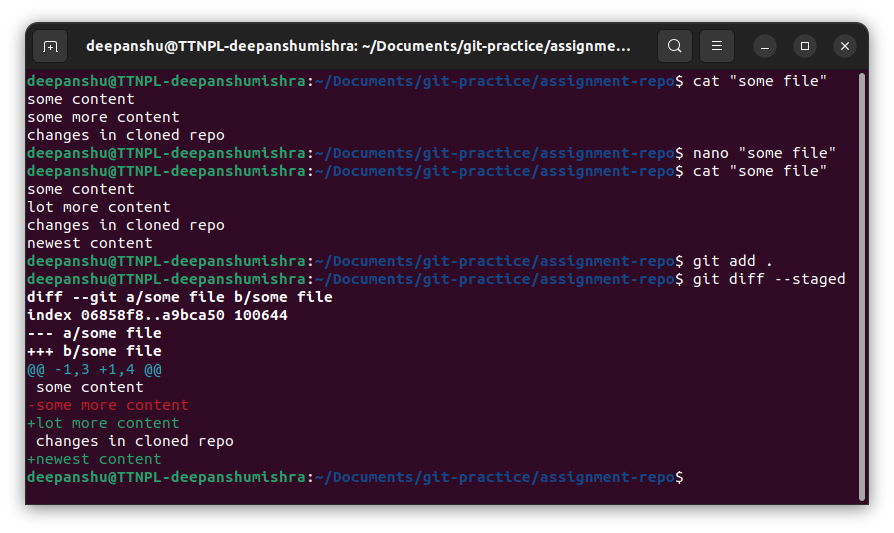
Q9)Clone the repository



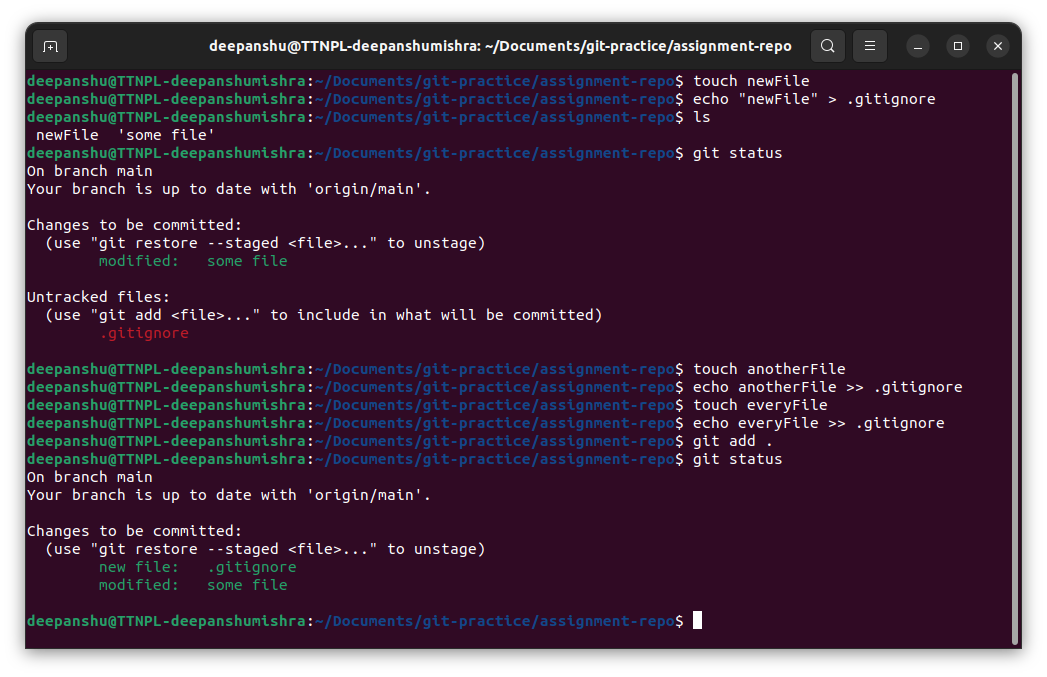
Q10)Add changes to one of the copies and pull the changes in the other.



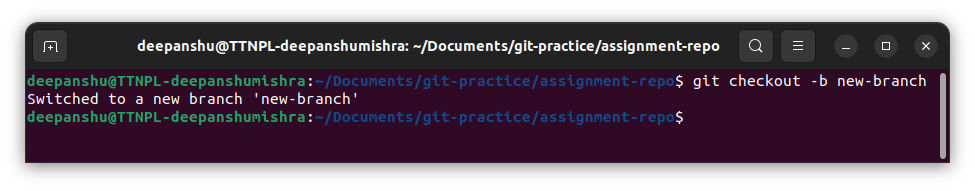
Q11)Check differences between a file and its staged version



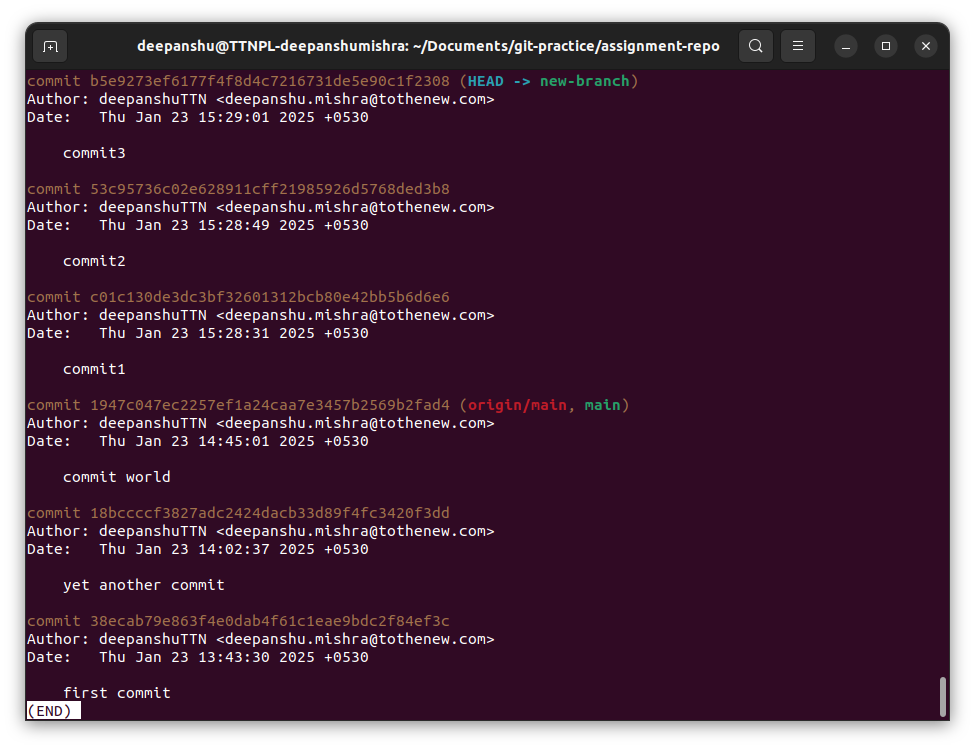
Q12)Ignore a few files to be checked in



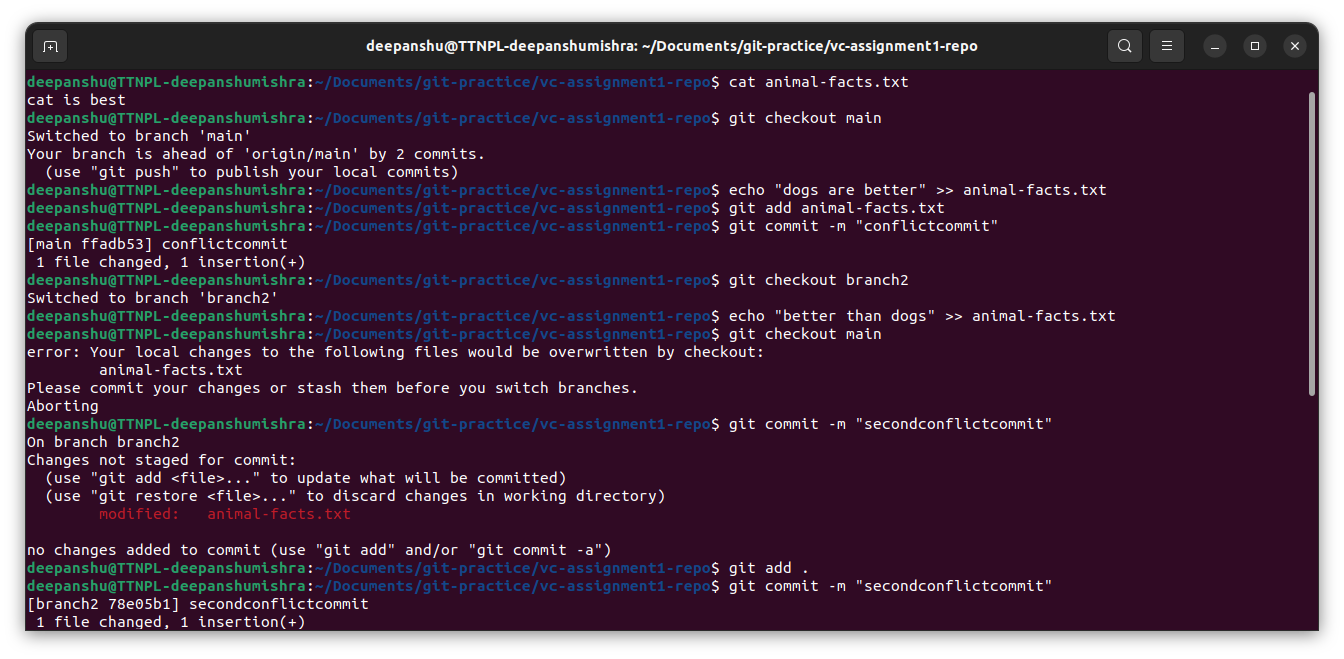
Q13)Create a new branch



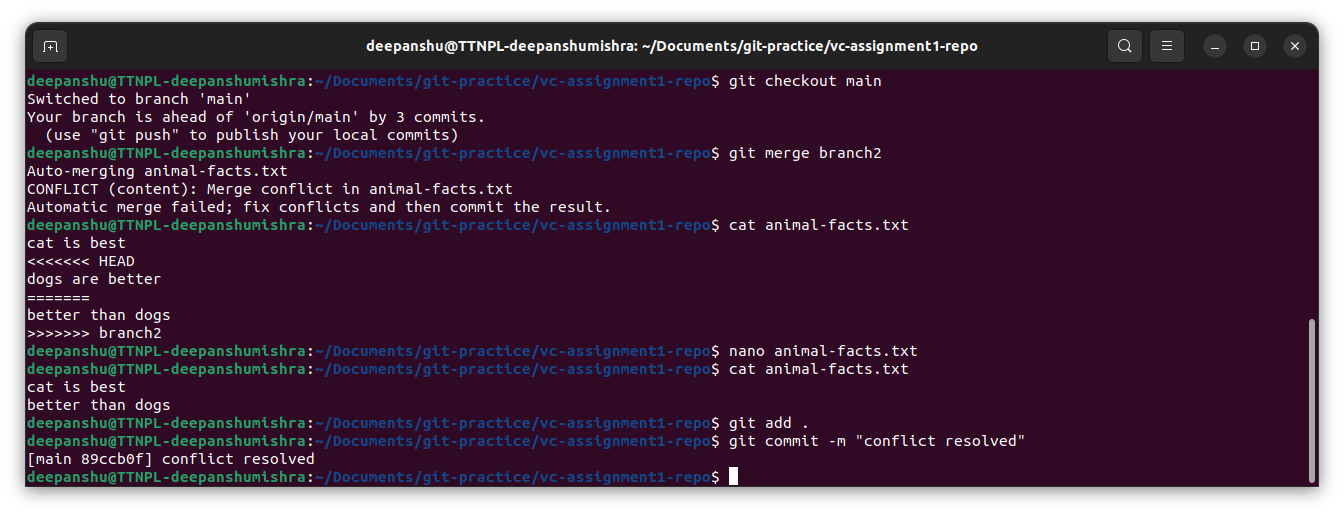
Q14)Diverge them with commits



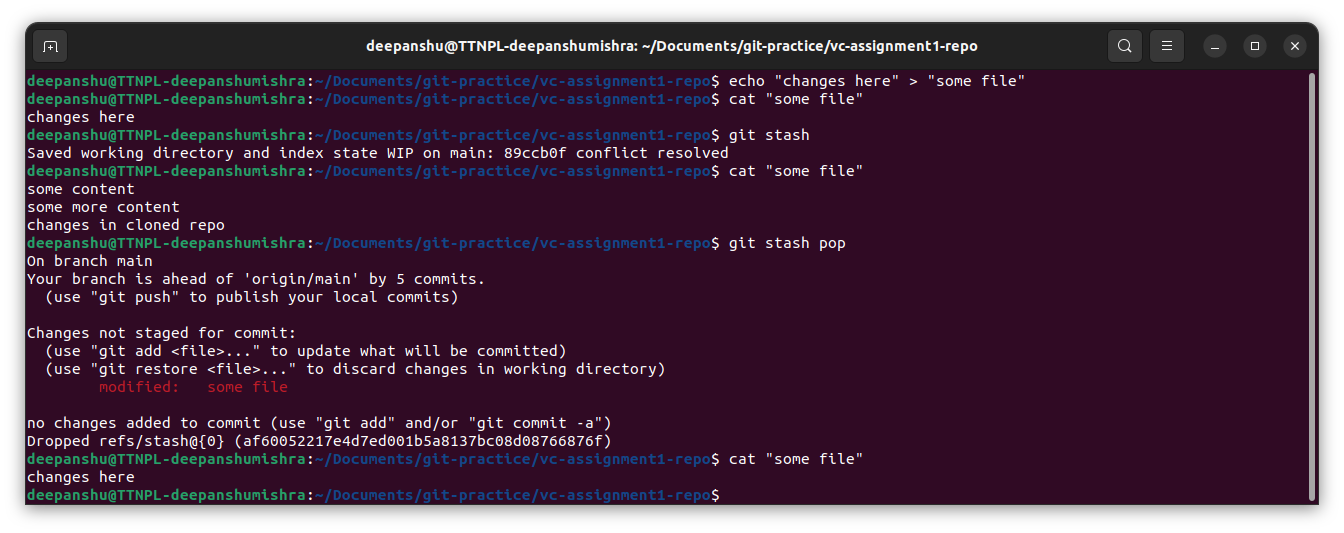
Q15)Edit the same file at the same line on both branches and commit



Q16)Try merging and resolve merge conflicts



Q17)Stash the changes and pop them



Q18)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

