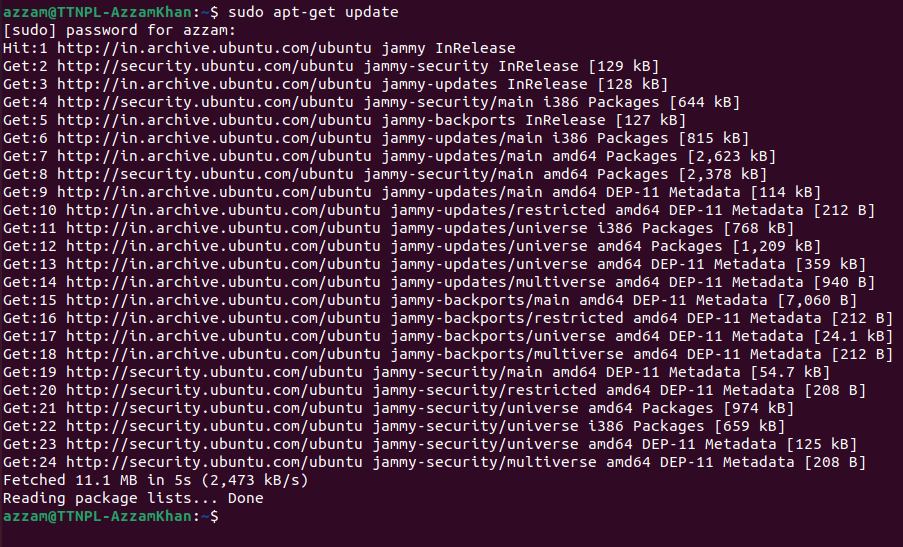
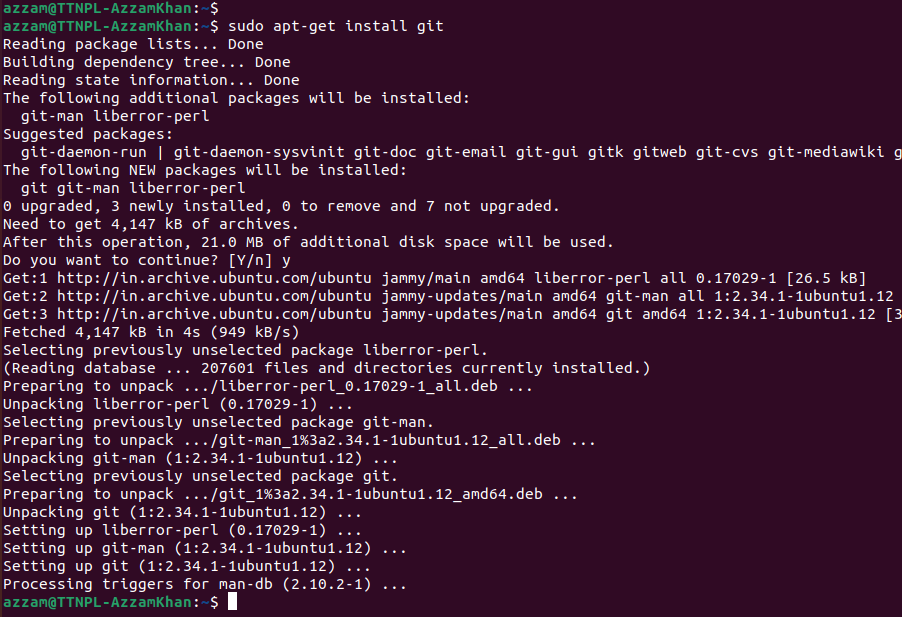
Assignment-2

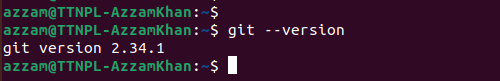
**Introduction to version control**

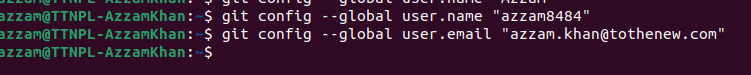
Question-1:Git Setup <https://confluence.atlassian.com/bitbucket/set-up-git-744723531.html>

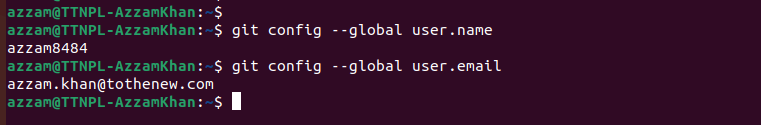
Soln.





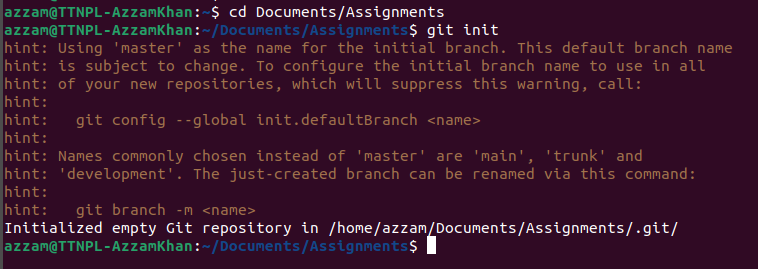






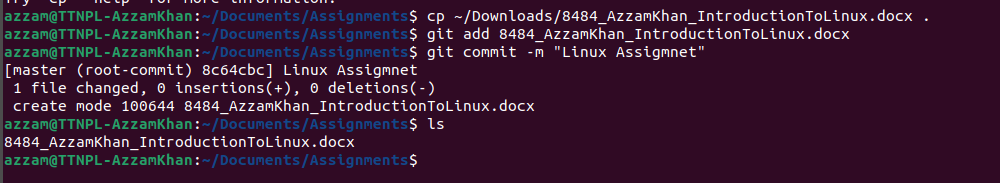
Question-2: Initialize a Git Repository

Soln.



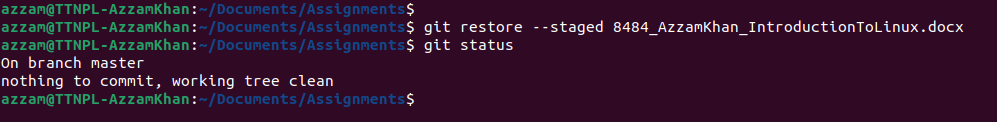
Question-3: Add files to the repository

Soln.



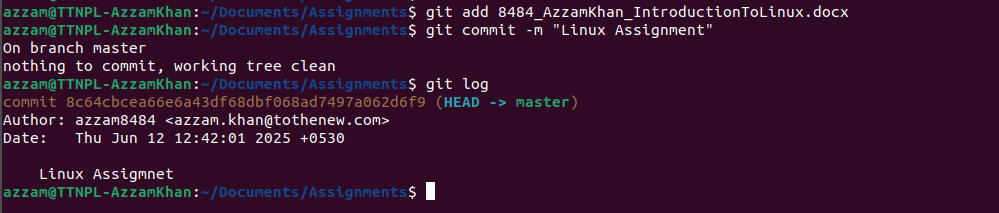
Question-4:Unstage 1 file

Soln.



Question-5: Commit the file

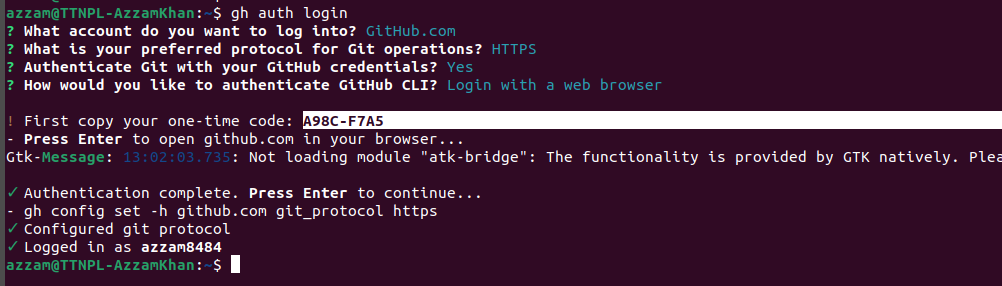
Soln.

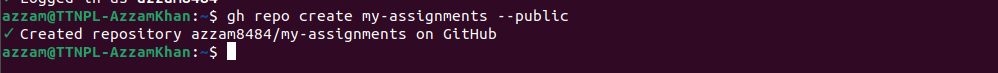


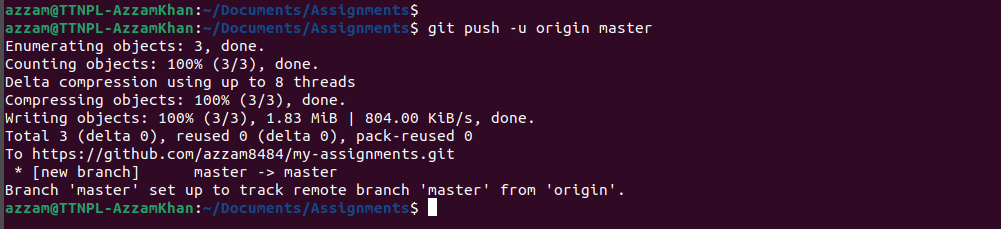
Question-6: Add a remote

Soln.



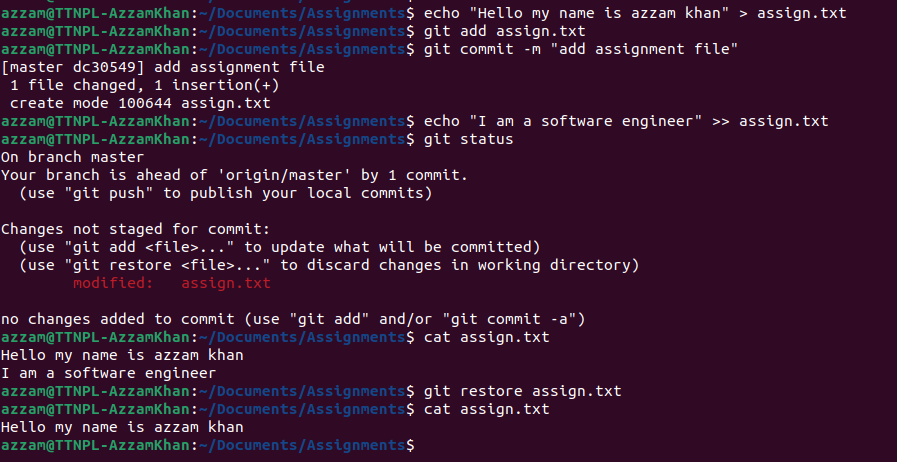






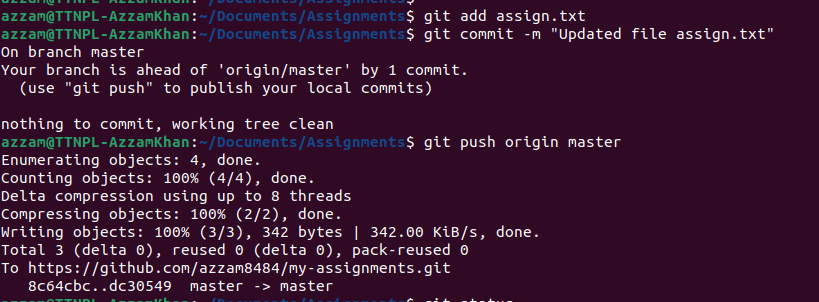
Question-7: Undo changes to a particular file

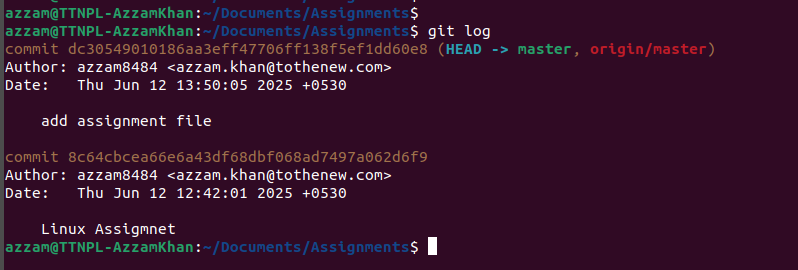
Soln.



Question-8: Push changes to Github

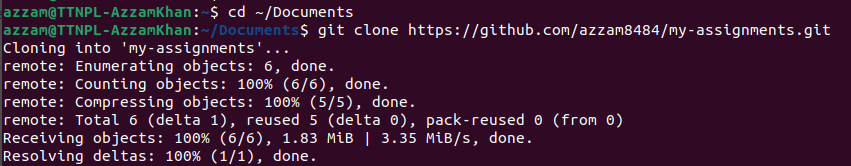
Soln.

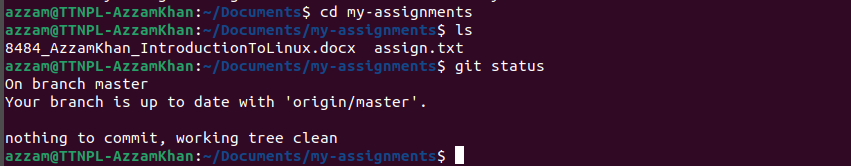




Question-9: Clone the repository

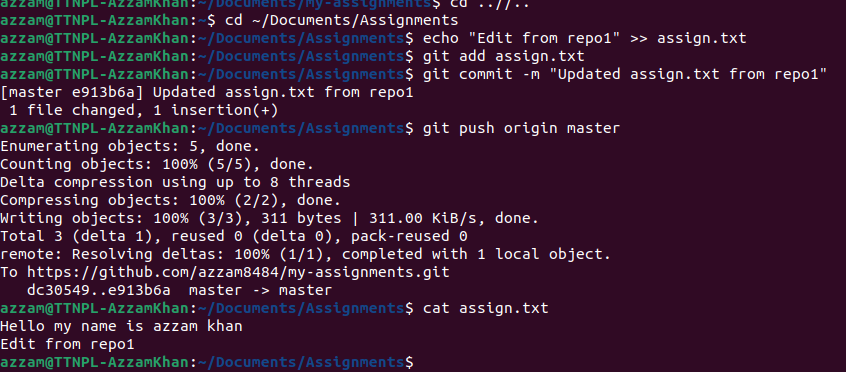
Soln.

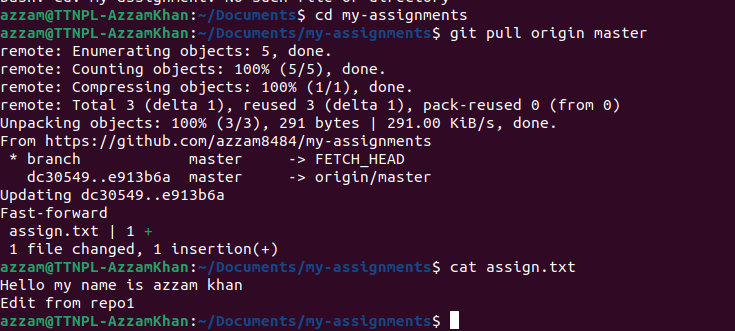




Question-10: Add changes to one of the copies and pull the changes in the other.

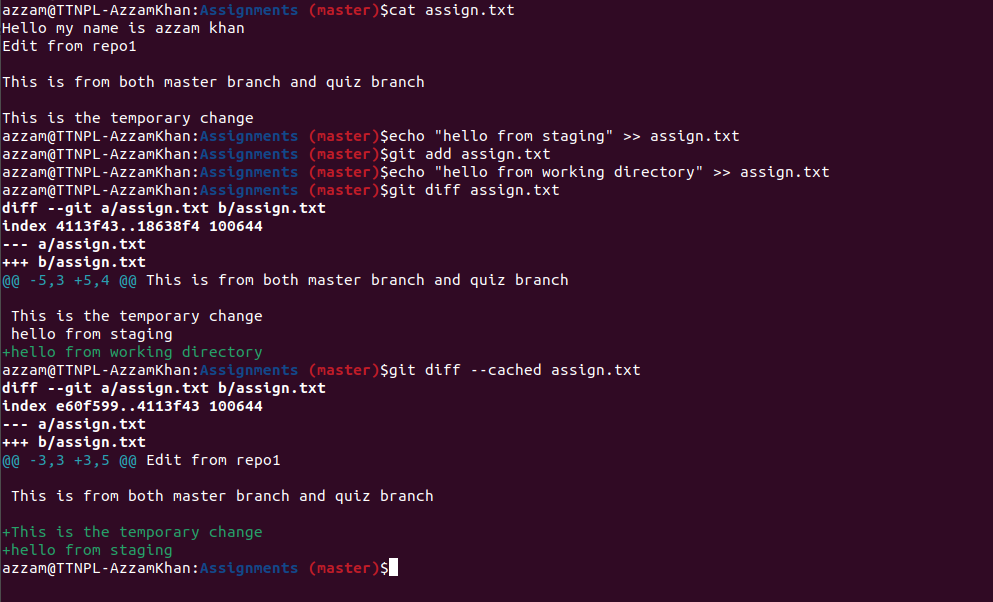
Soln.





Question-11: Check differences between a file and its staged version

Soln.

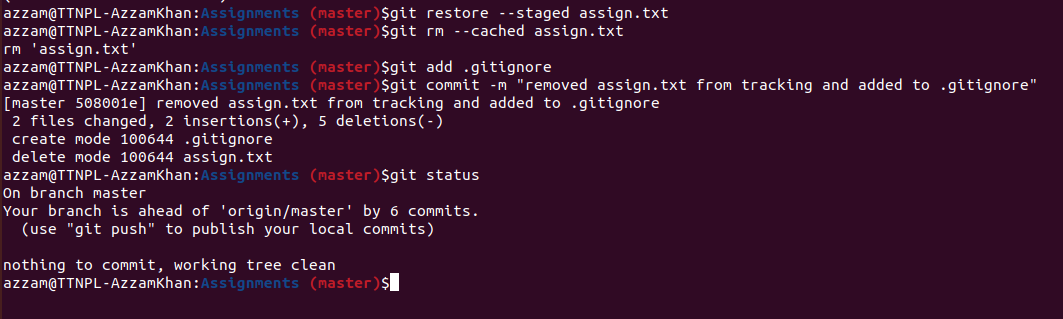


Question-12: Ignore a few files to be checked in

Soln.

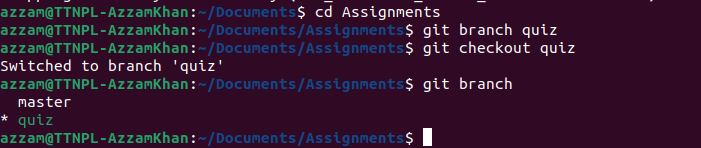






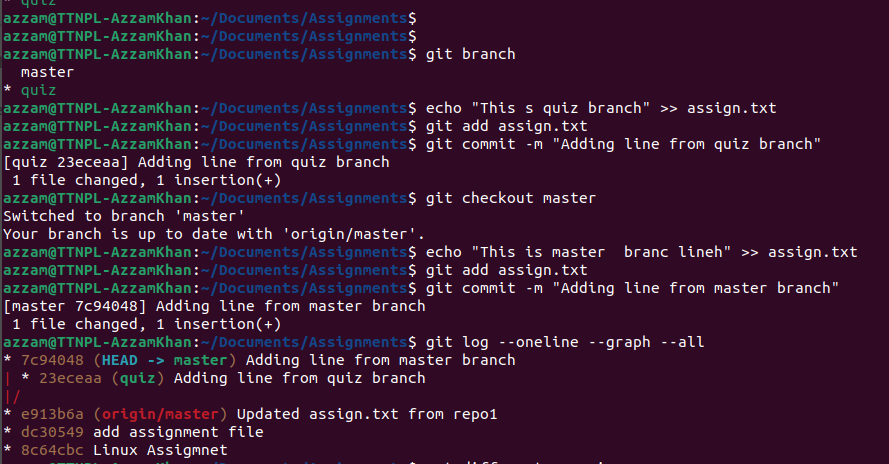
Question-13: Create a new branch

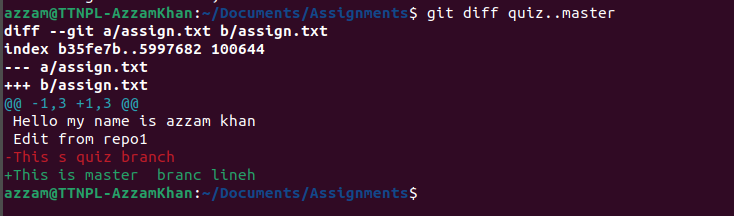
Soln.



Question-14: Diverge them with commits

Soln.

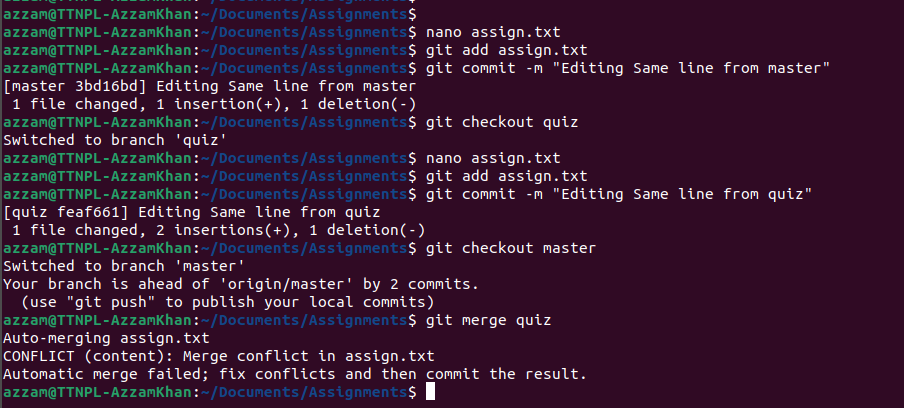




Question-15: Edit the same file at the same line on both branches and commit

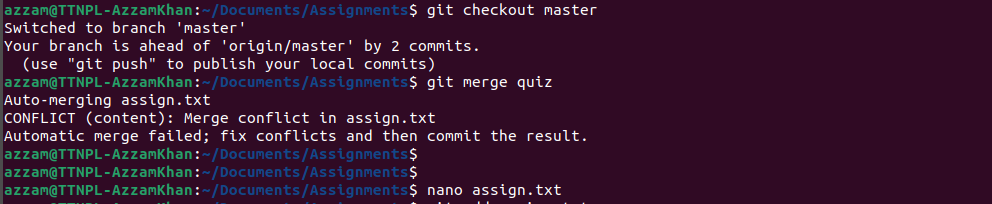
Soln.

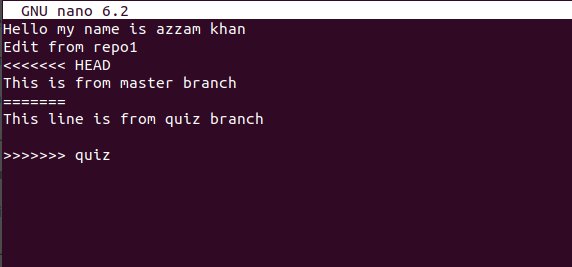


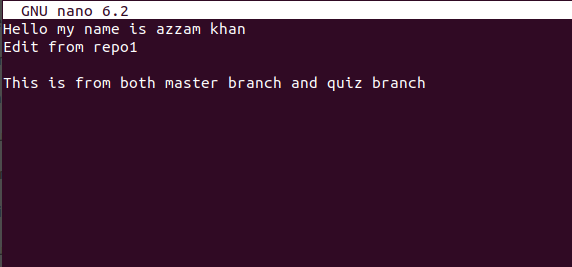


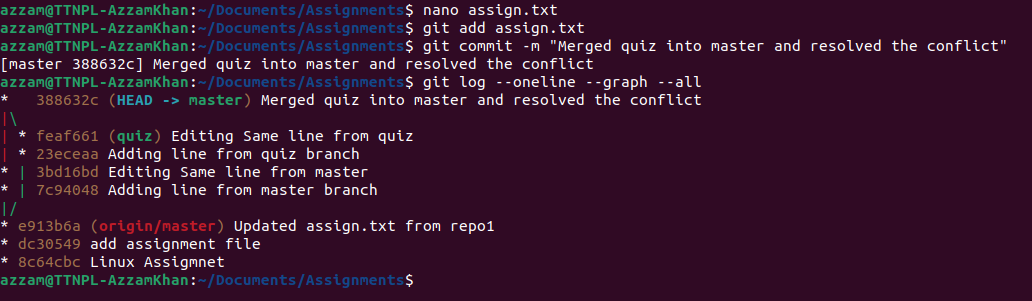
Question-16: Try merging and resolve merge conflicts

Soln.



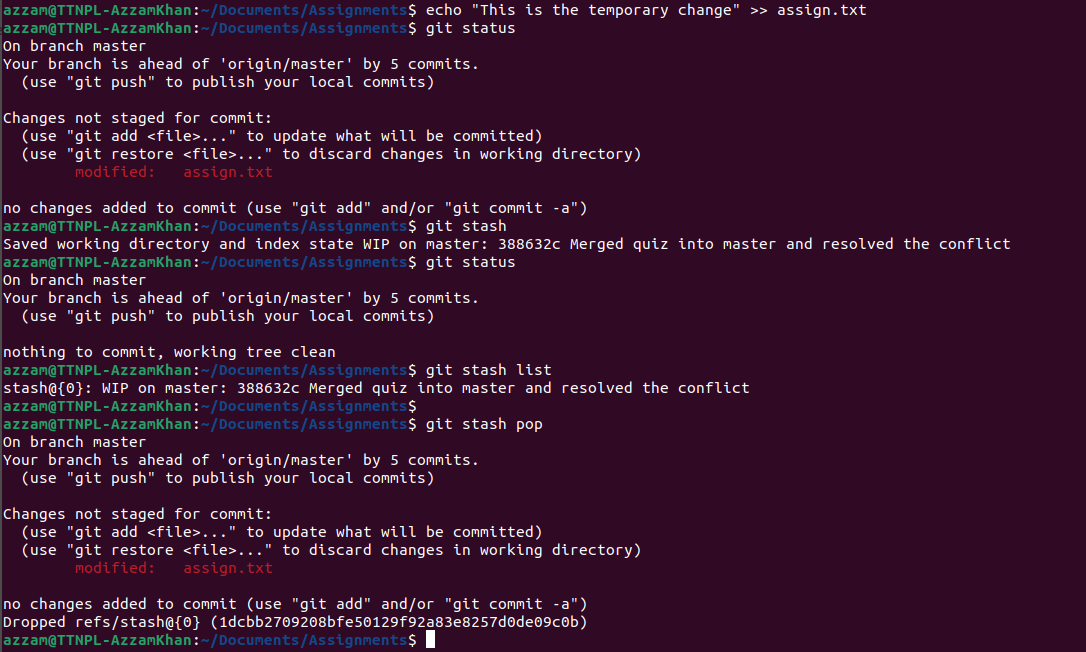






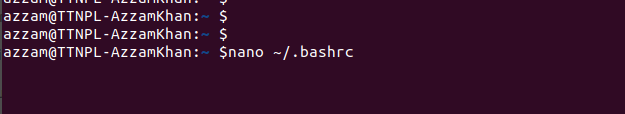
Question-17: Stash the changes and pop them.

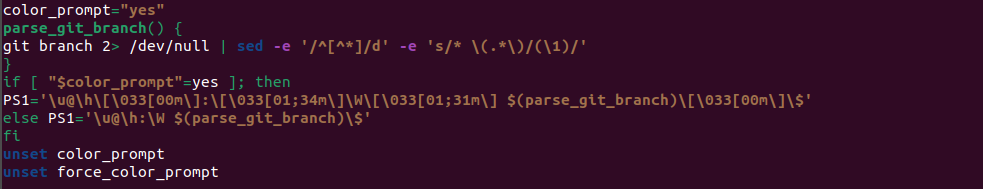
Soln.

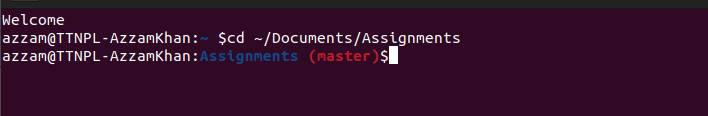


Question-18: Add the following code to your .bashrc file : color\_prompt="yes" parse\_git\_branch() { git branch 2> /dev/null | sed -e '/^[^\*]/d' -e 's/\* \(.\*\)/(\1)/' } if [ "$color\_prompt" = yes ]; then PS1='\u@\h\[\033[00m\]:\[\033[01;34m\]\W\[\033[01;31m\] $(parse\_git\_branch)\[\033[00m\]\$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

**Soln.**

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