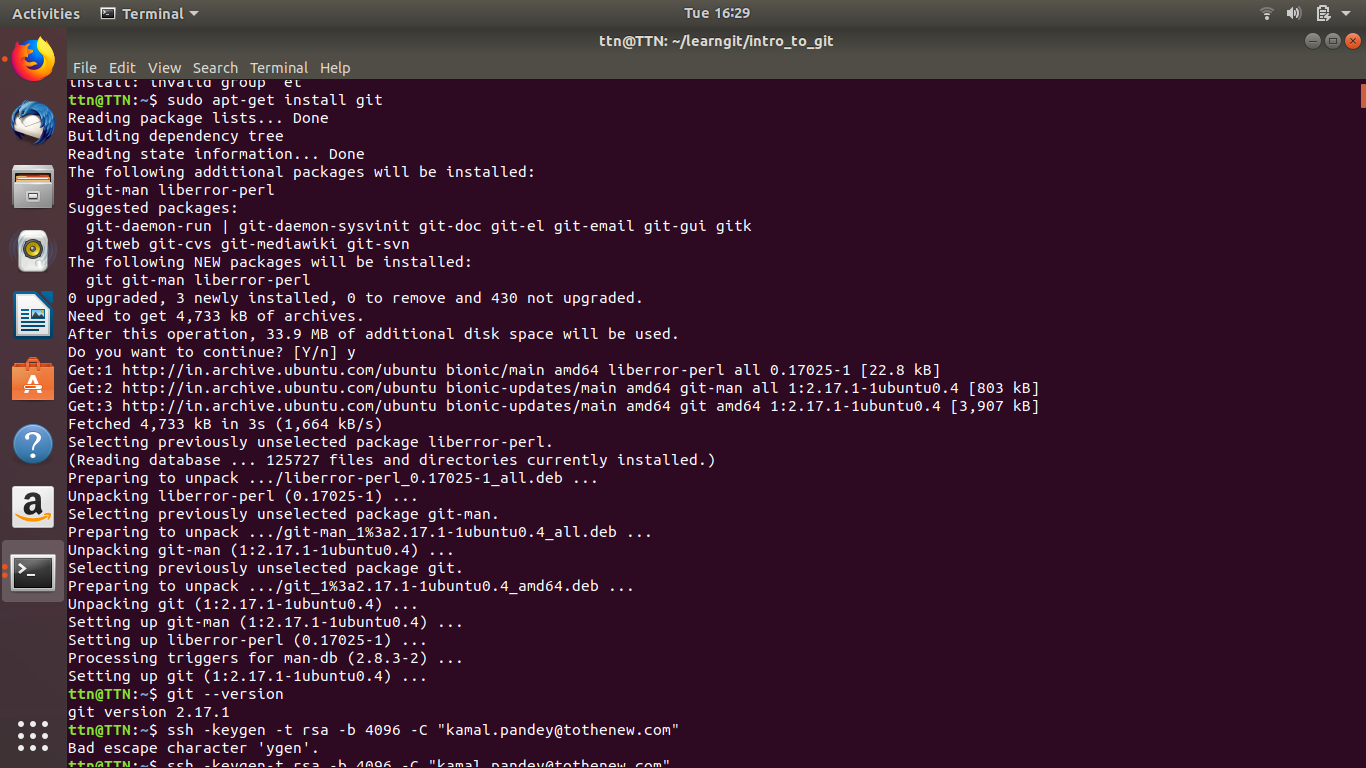
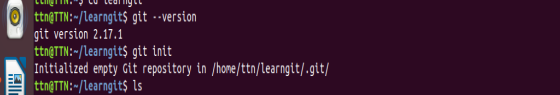
Introduction to version control Assignment

**Date: 5th Feb 2019**

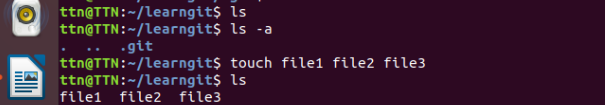
**1: Git Setup https://confluence.atlassian/bitbucket/set-up-git-744723531.html.**



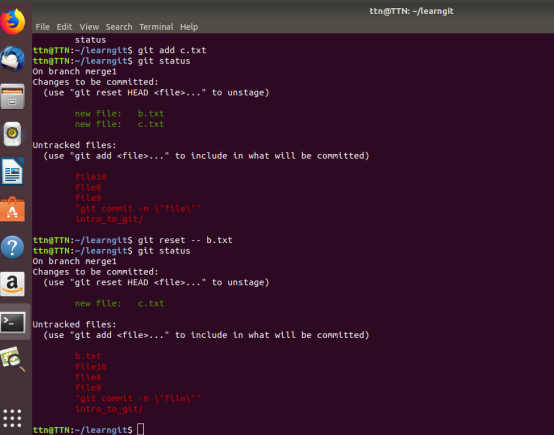
**2: Initialize a Git Repository.**



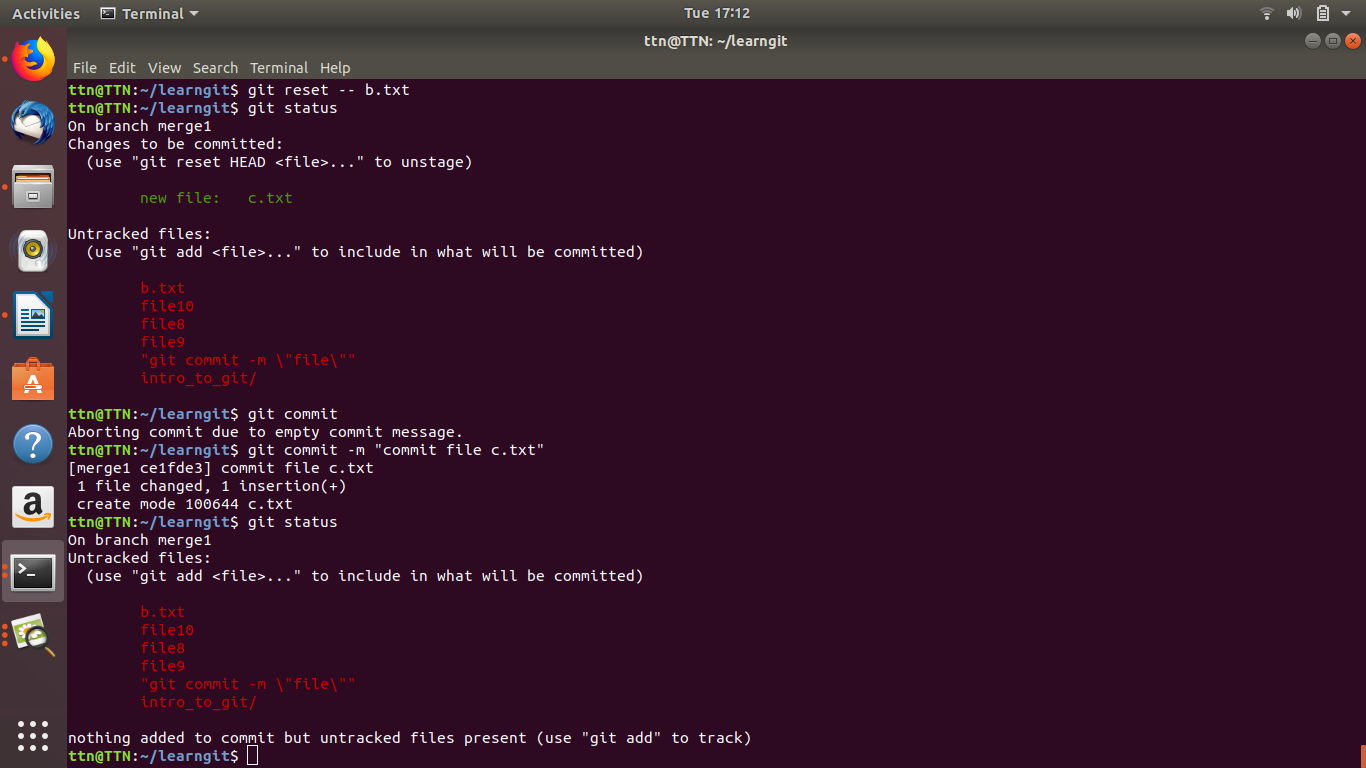
**3: Add files to the repository.**



**4: Unstage 1 file.**



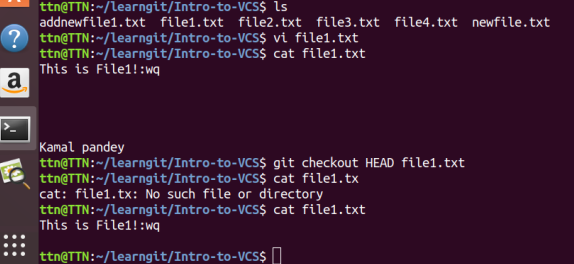
**5: Commit the file.**



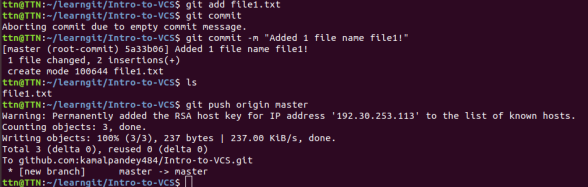
**6: Add a remote.**



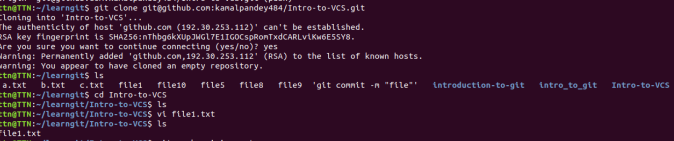
**7: Undo changes to a particular file.**



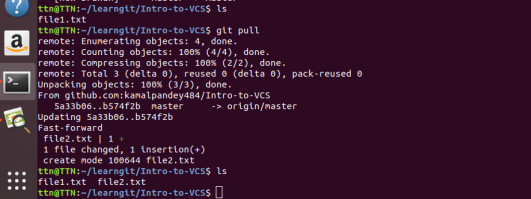
**8: Push changes to Github.**



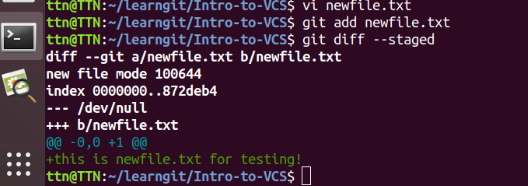
**9: Clone the repository.**



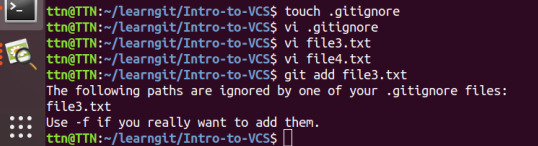
**10: Add changes to one of the copies and pull the changes in the other.**



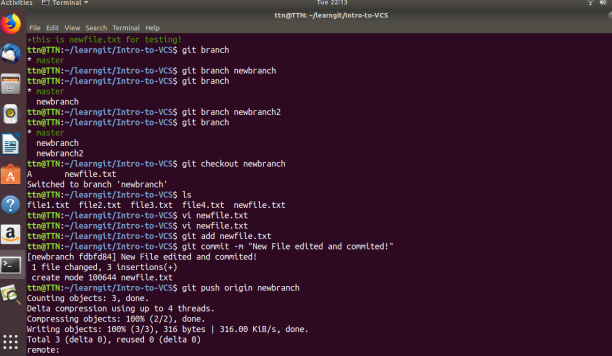
**11: Check differences between a file and its staged version.**



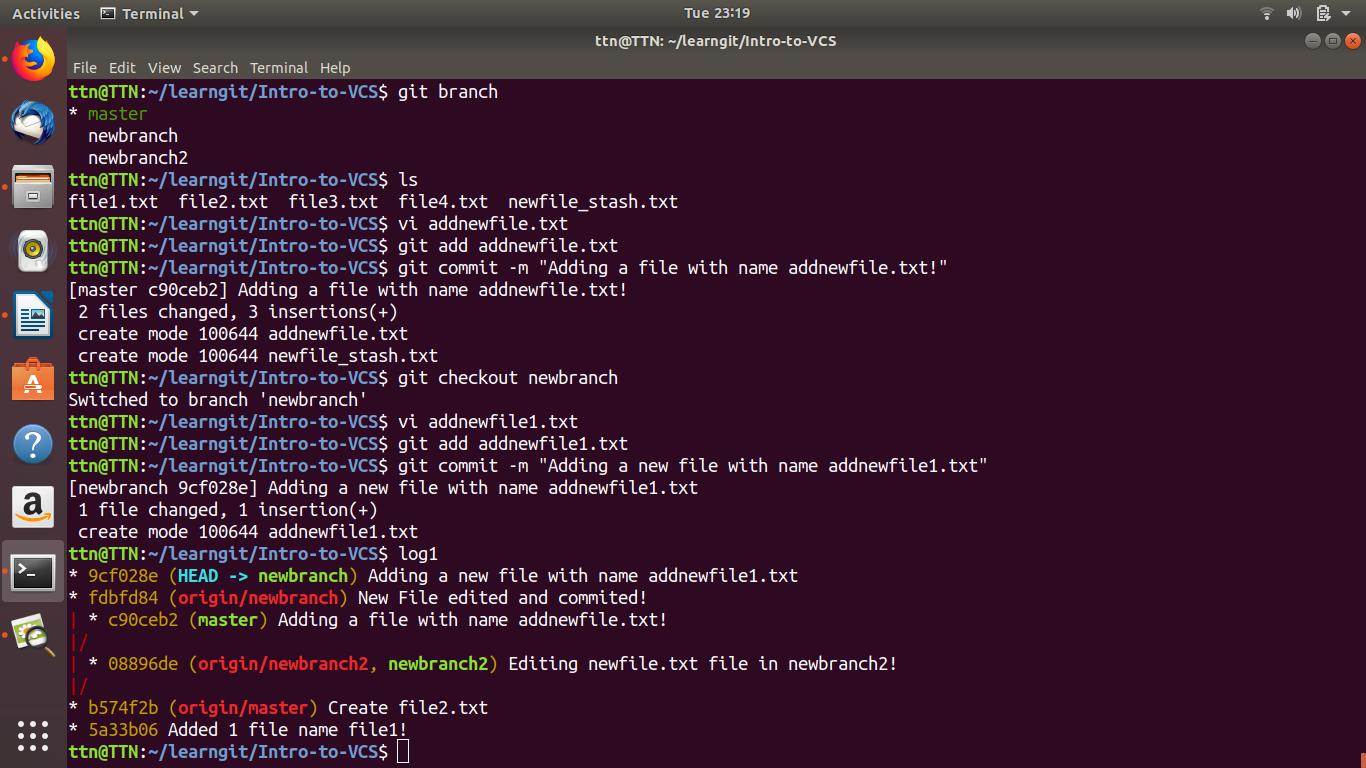
**12: Ignore a few files to be checked in.**



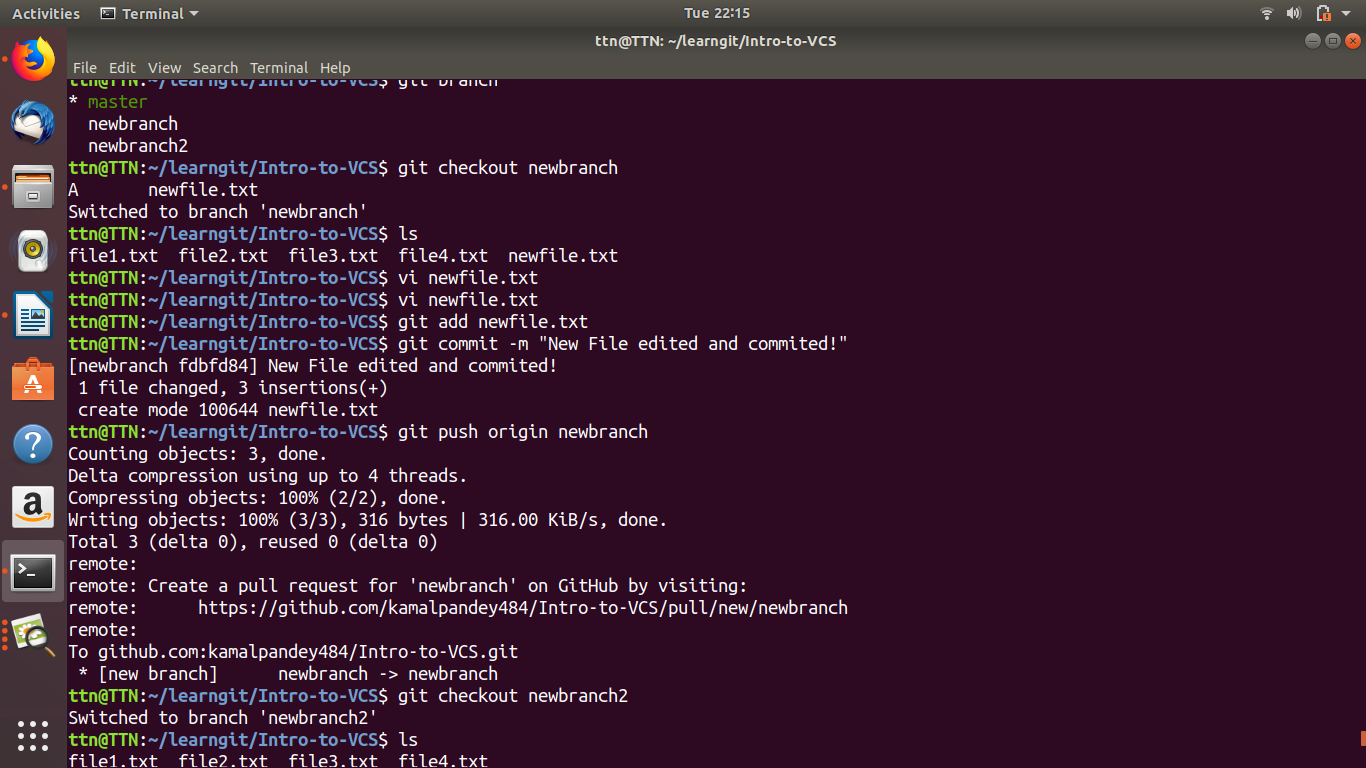
**13: Create a new branch.**

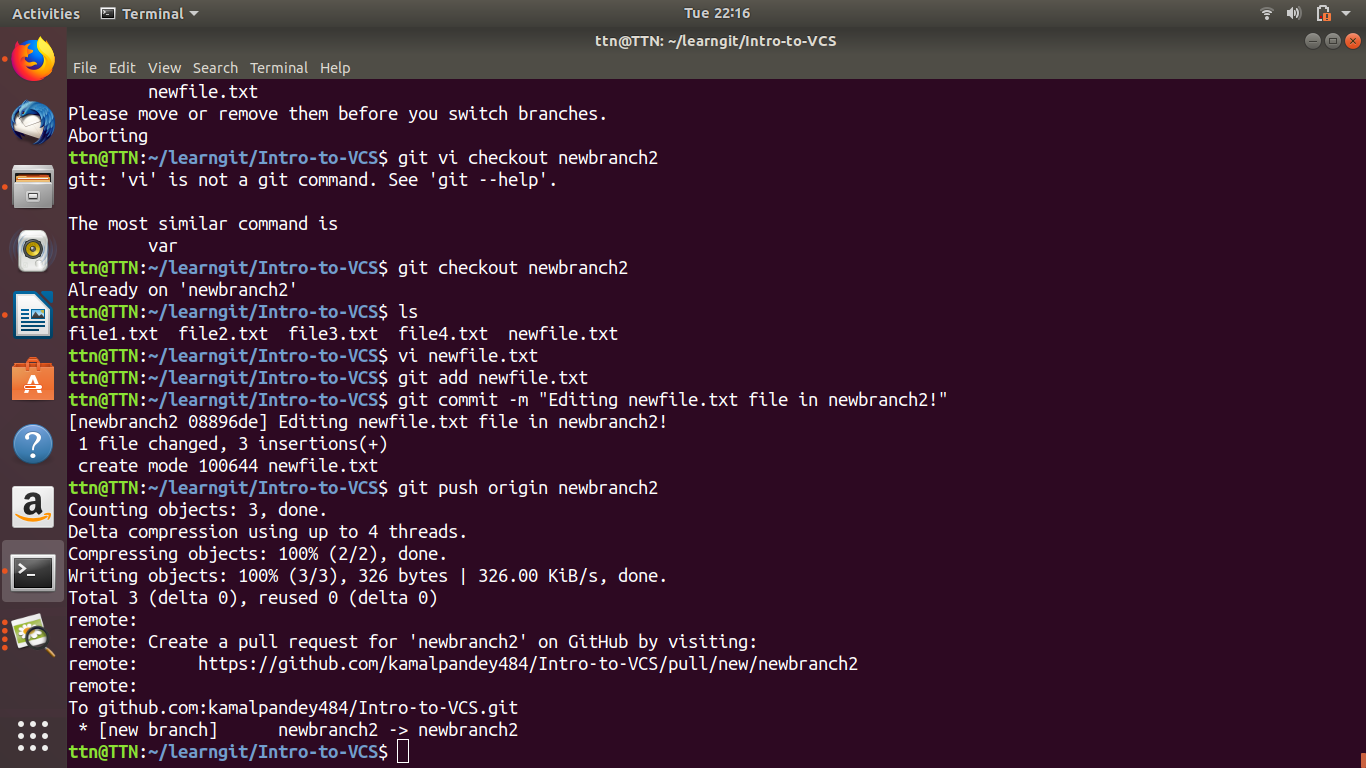


**14: Diverge them with commits.**

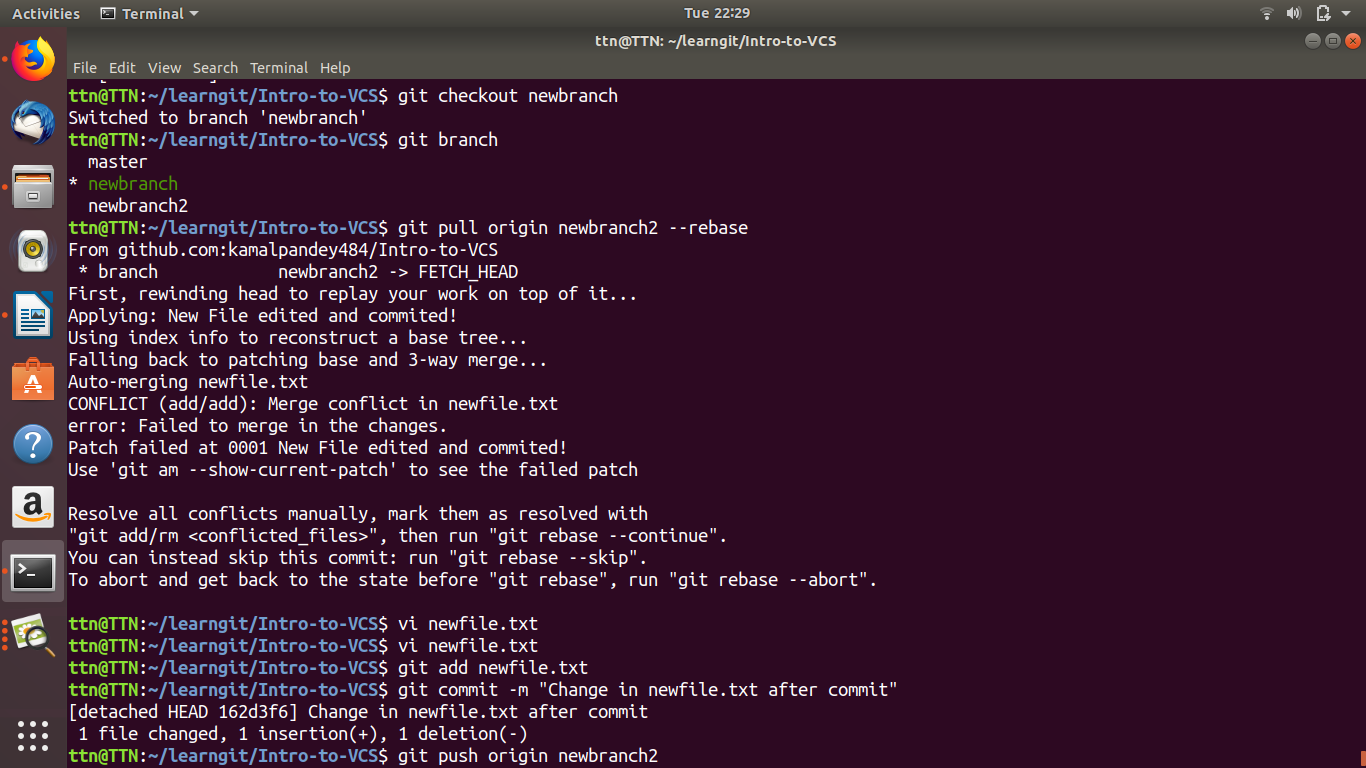


**15: Edit the same file at the same line on both branches and commit.**

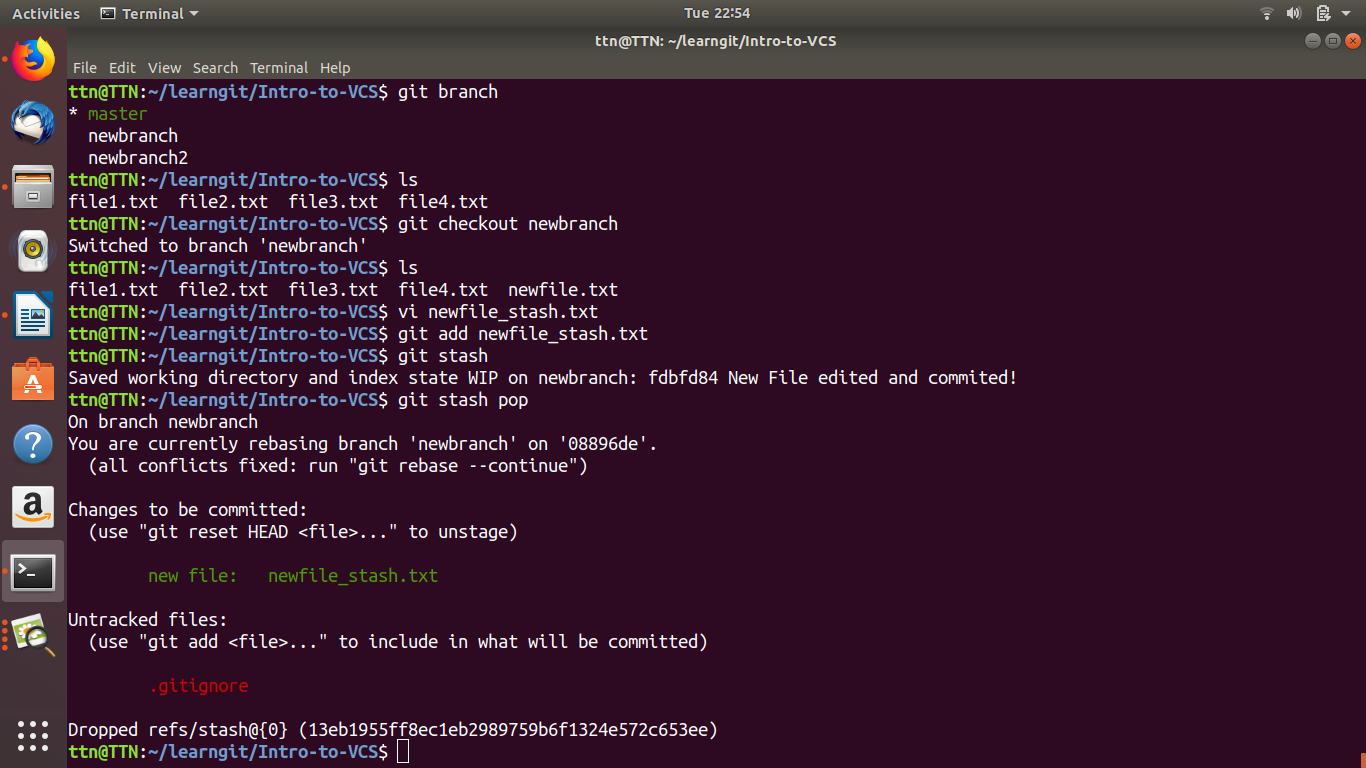




**16: Try merging and resolve merge conflicts.**



**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[**

**else**

**PS1='\u@\h:\W $(parse\_git\_branch)\$ '**

**fi**

**unset color\_prompt force\_color\_prompt**

