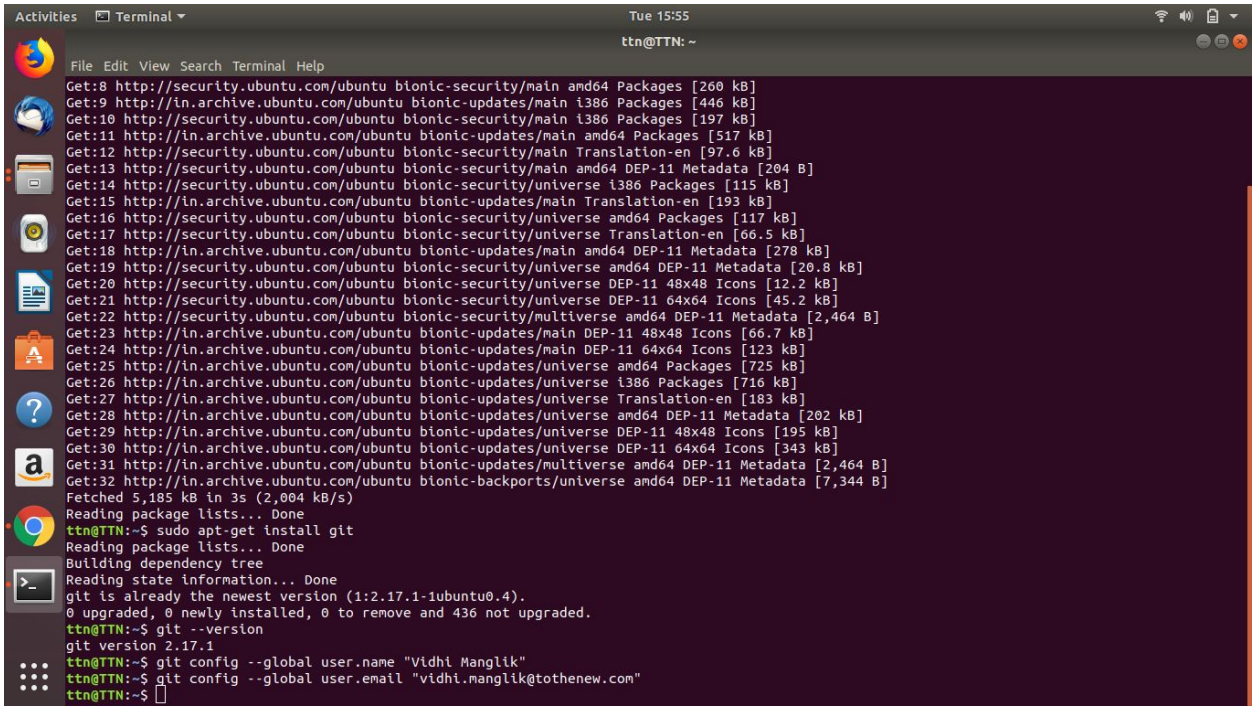
Name : Vidhi Manglik **Group_Numer:5**

Exercise 2

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

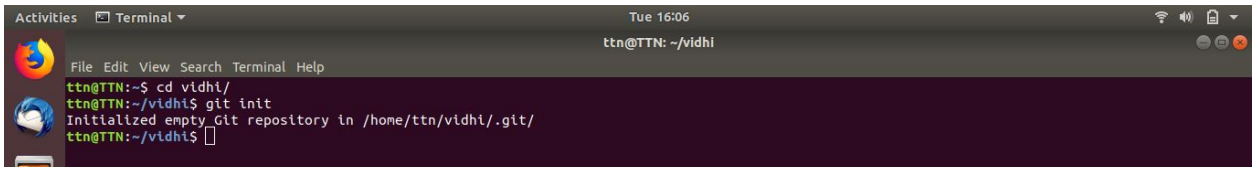
Command :
$ sudo apt-get update
$ sudo apt-get install git
$ git --version
$ git config --global user.name "Vidhi Manglik"
$ git config --global user.email "vidhi.manglik@tothenew.com"



2. Initialize a Git Repository

Command :

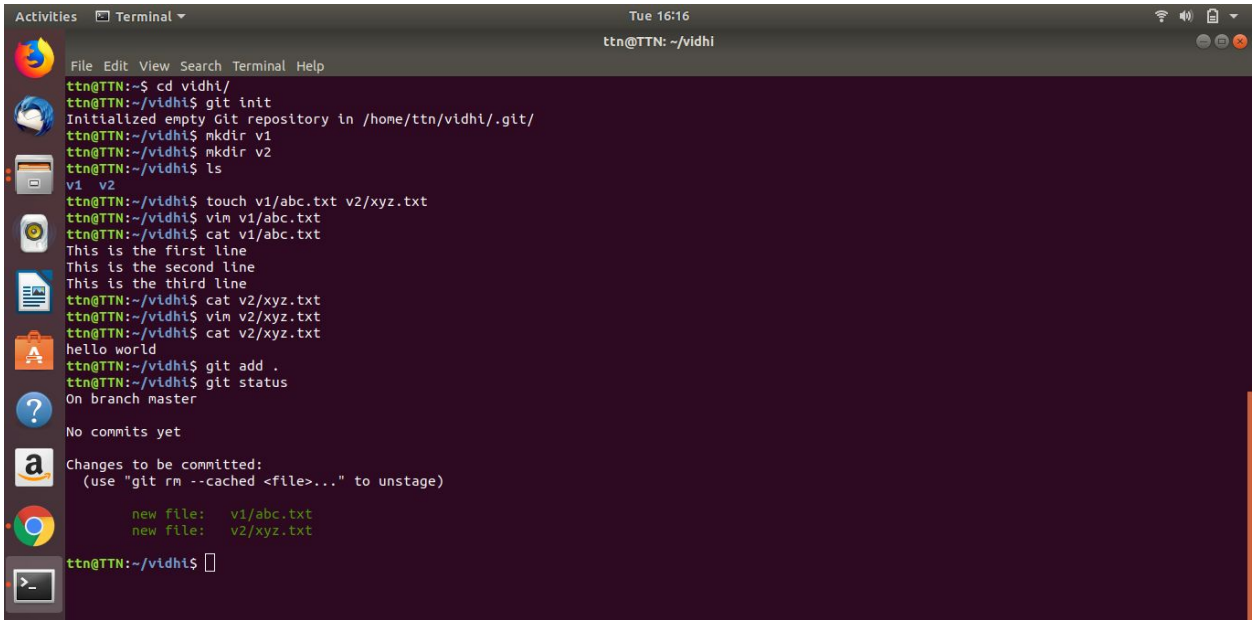
$ git init



3. Add files to the repository

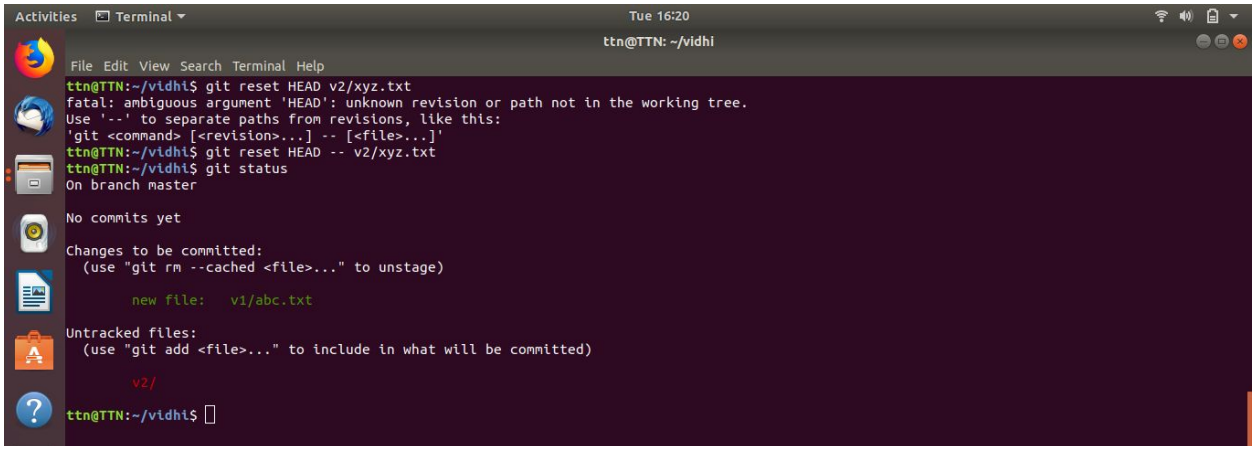
Command :

$ git add .



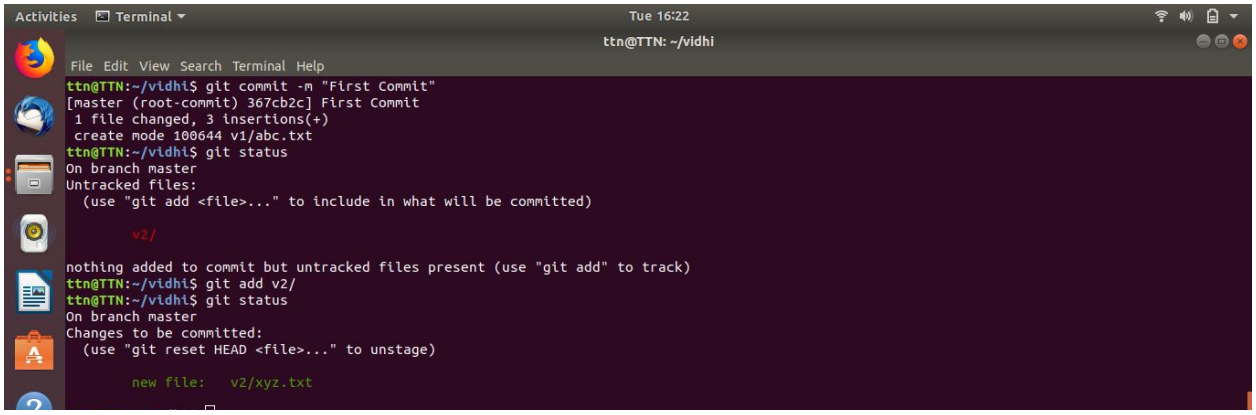
4. Unstage 1 file

Command :
$ git reset HEAD -- v2/xyz.txt



5. Commit the file

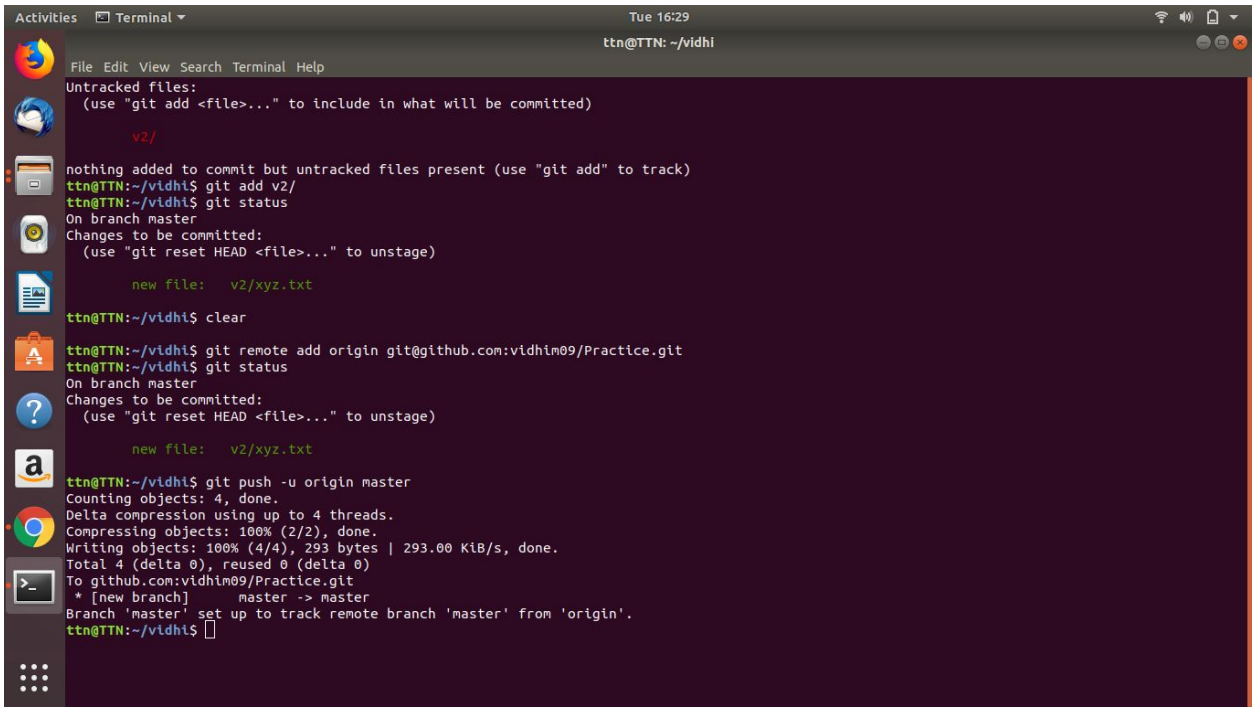
Command :
$ git commit -m “First Commit”



6. Add a remote

Command :

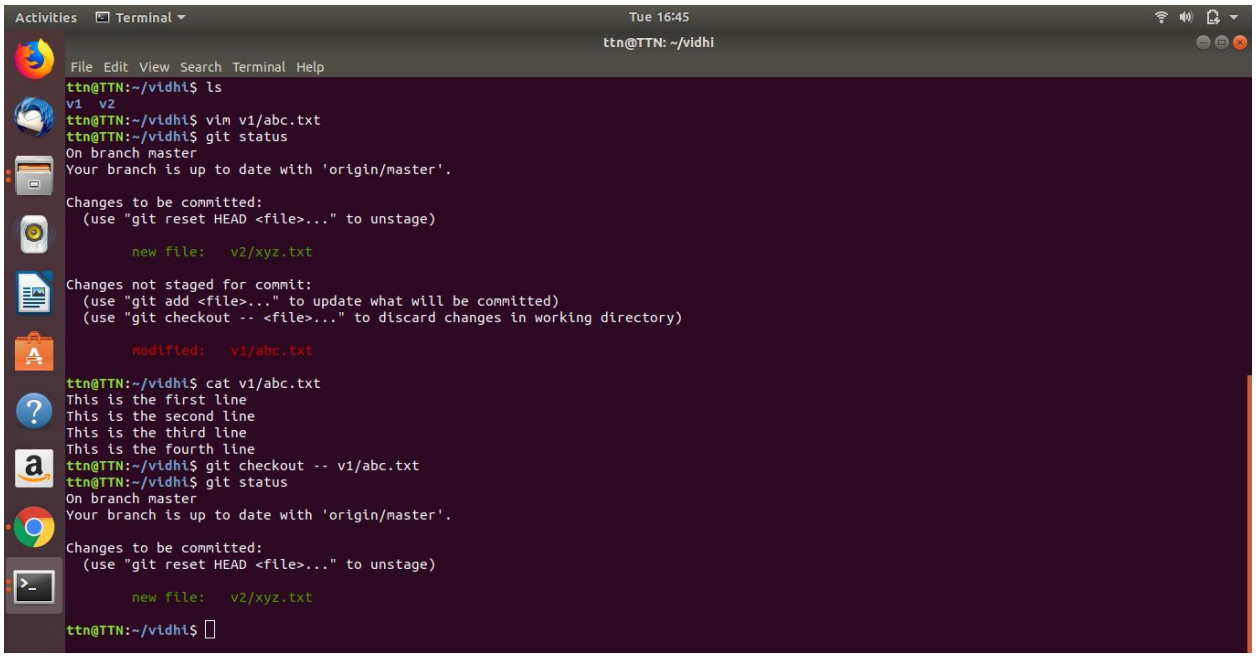
$ git remote add origin git@github.com:vidhim09/Practice.git



7. Undo changes to a particular file

Command :

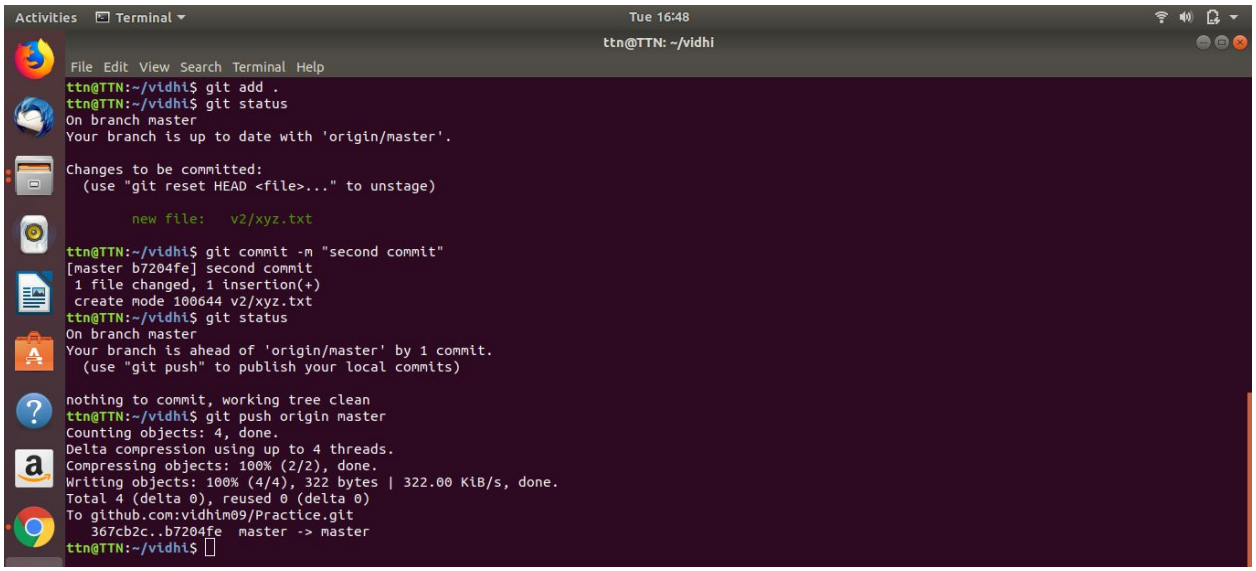
$ git checkout -- v1/abc.txt



8. Push changes to Github

Command :

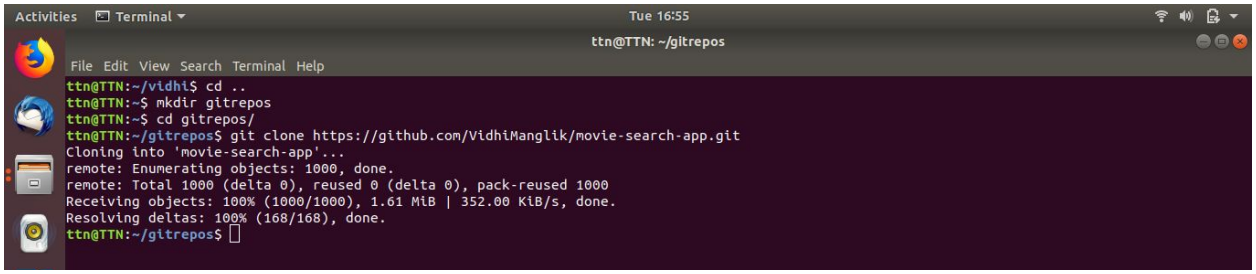
$ git push origin master



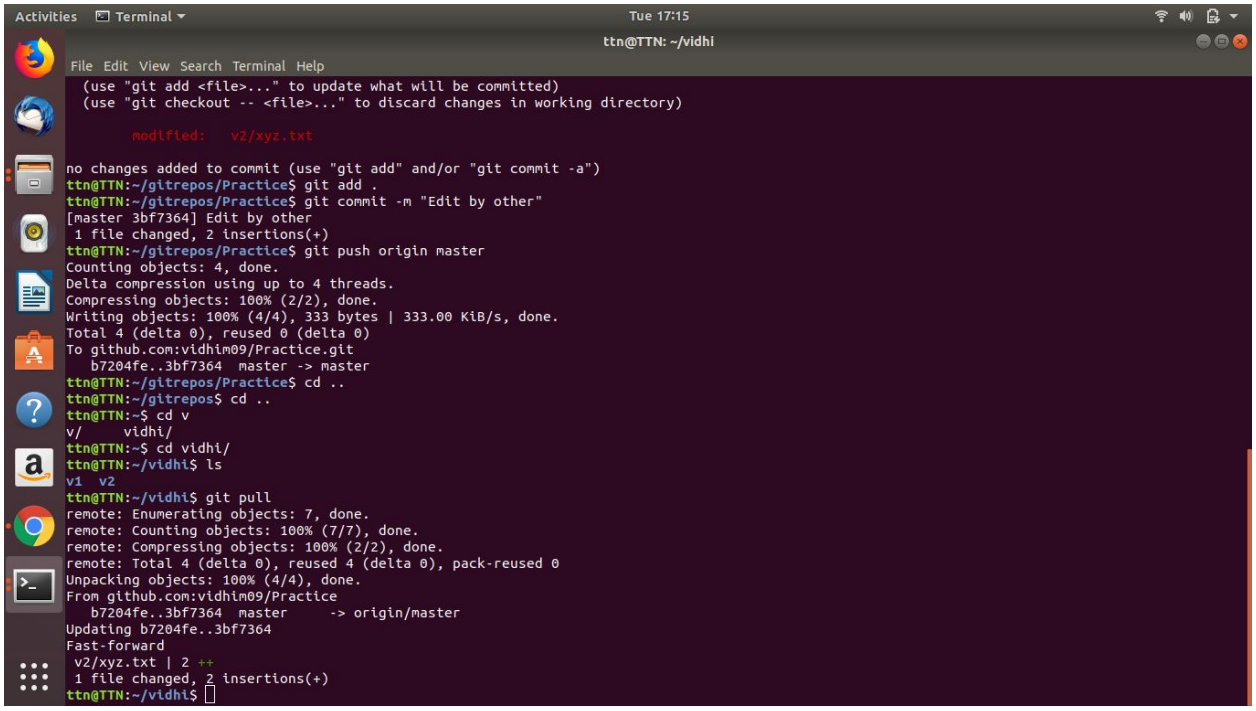
9. Clone the repository

Command :

$ git clone https://github.com/vidhim09/Practice.git



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

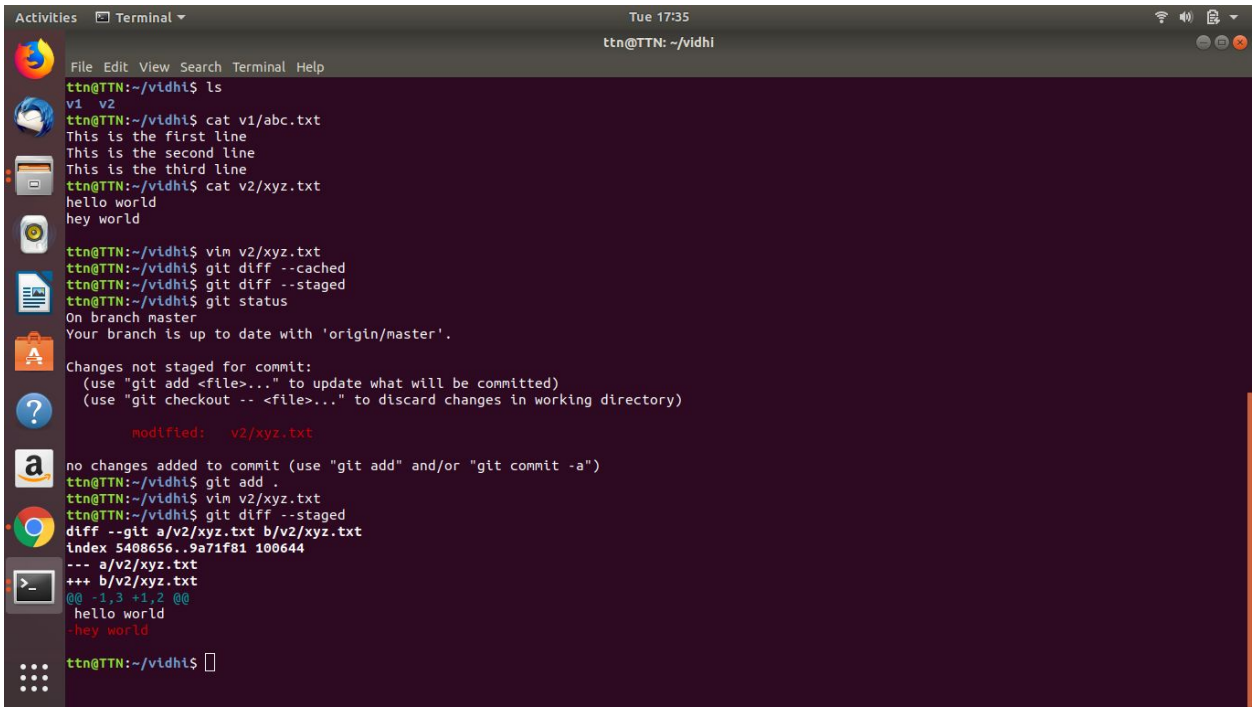


11. Check differences between a file and its staged version

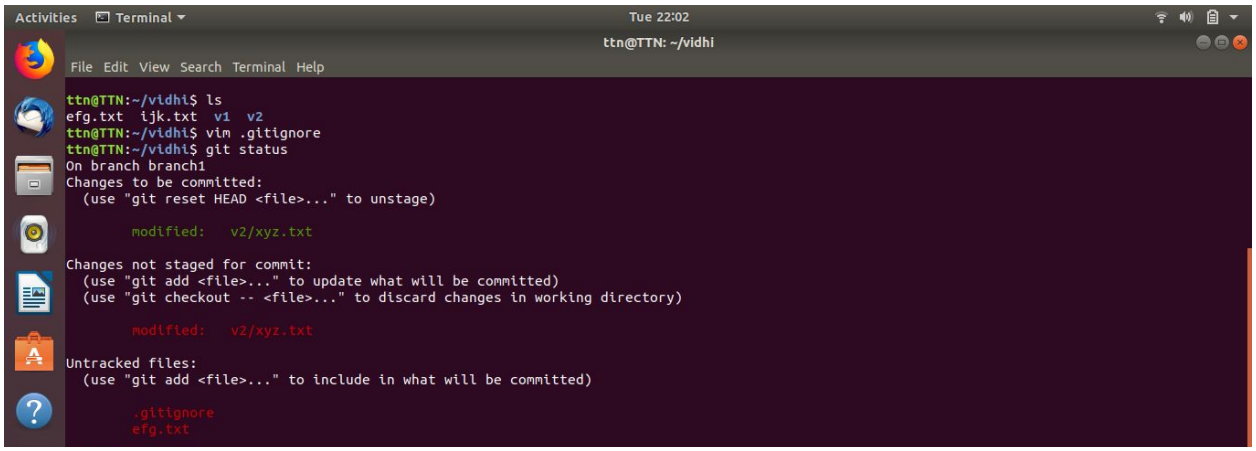
Command :

$ git status

$ git diff --staged



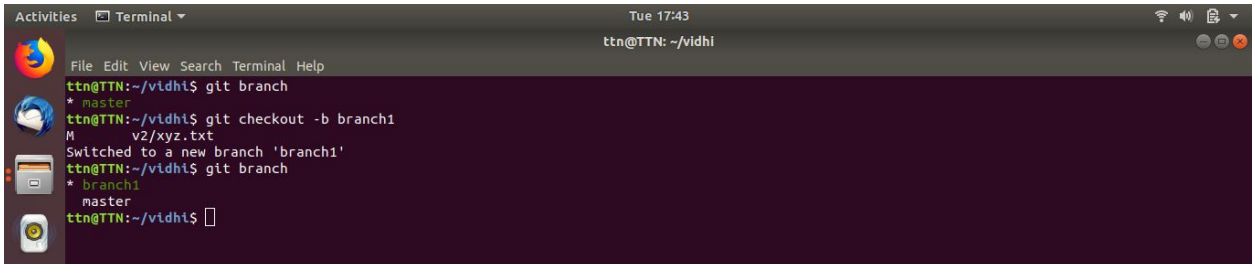
12. Ignore a few files to be checked in



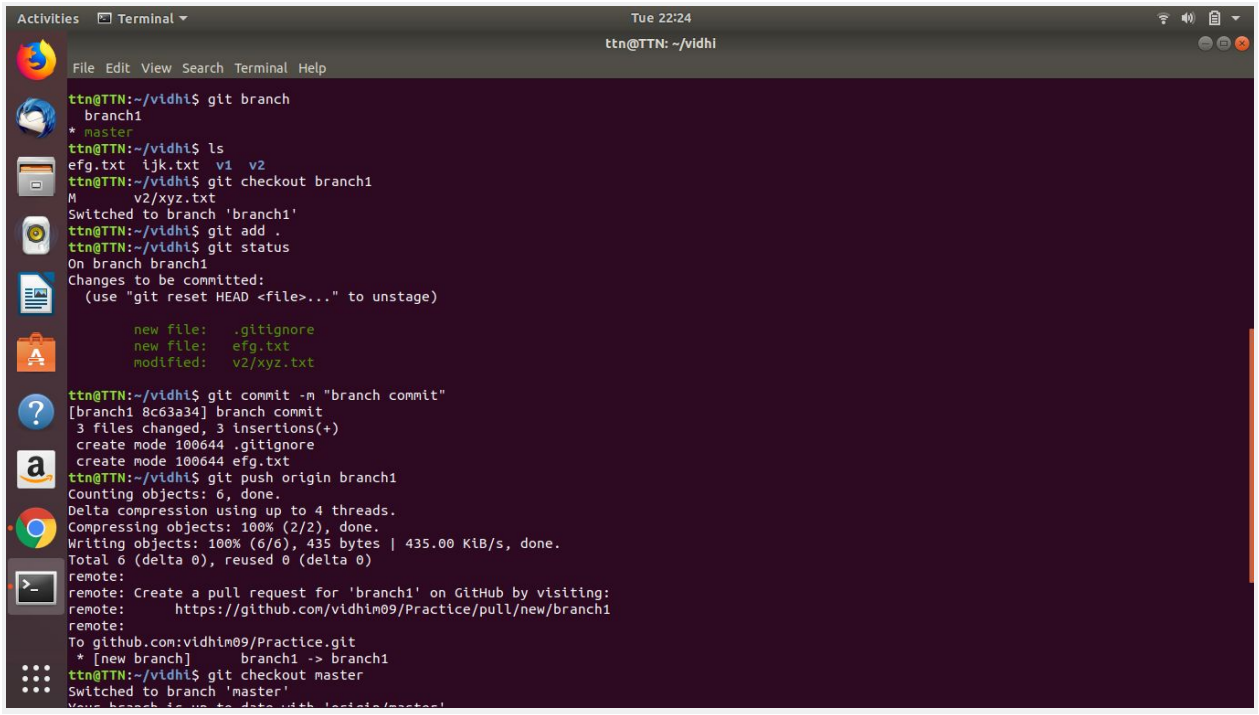
13. Create a new branch.

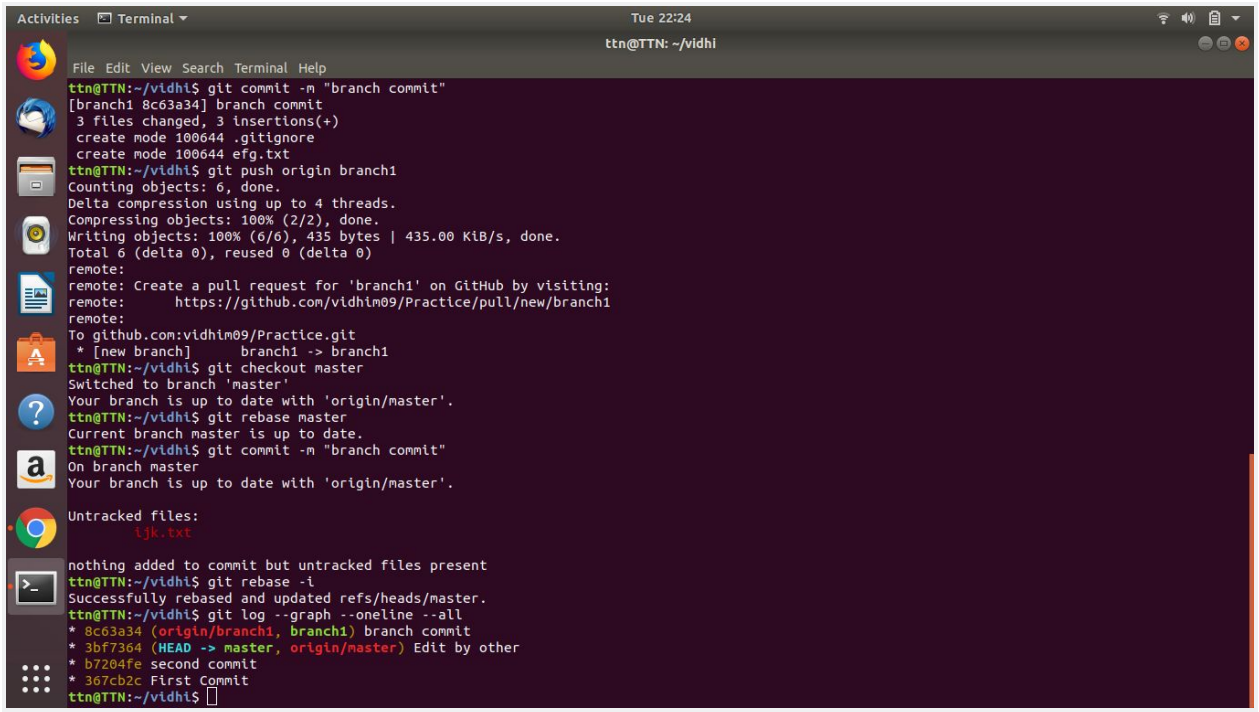
Command :

$ git checkout -b branch1

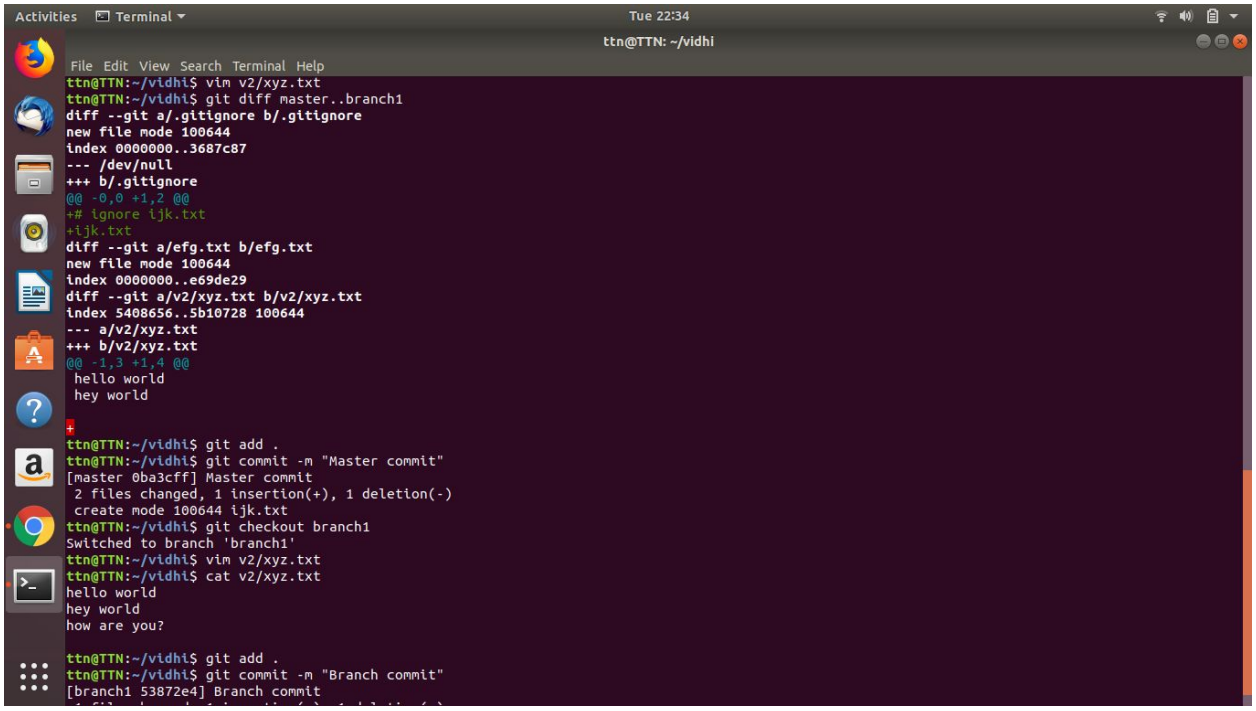


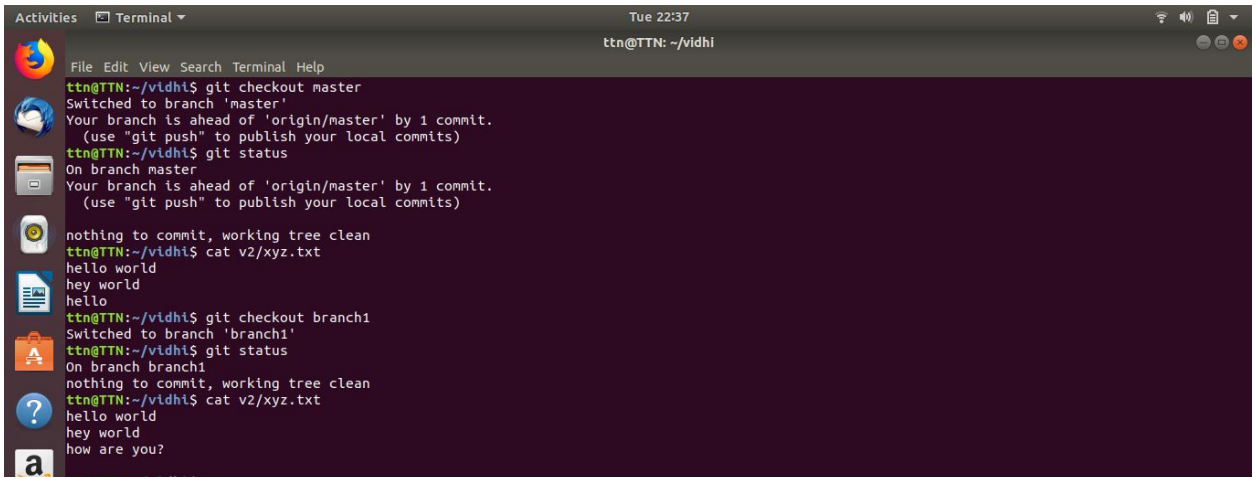
14. Diverge them with commits



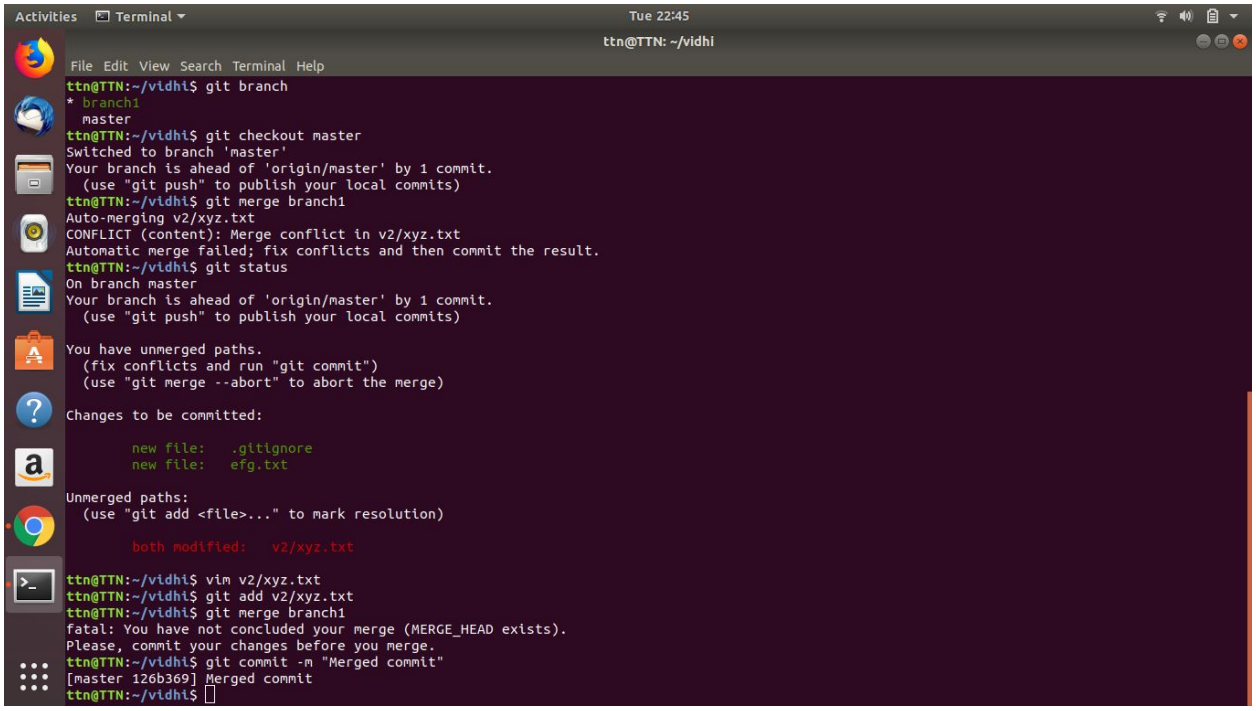


15. Edit the same file at the same line on both branches and commit

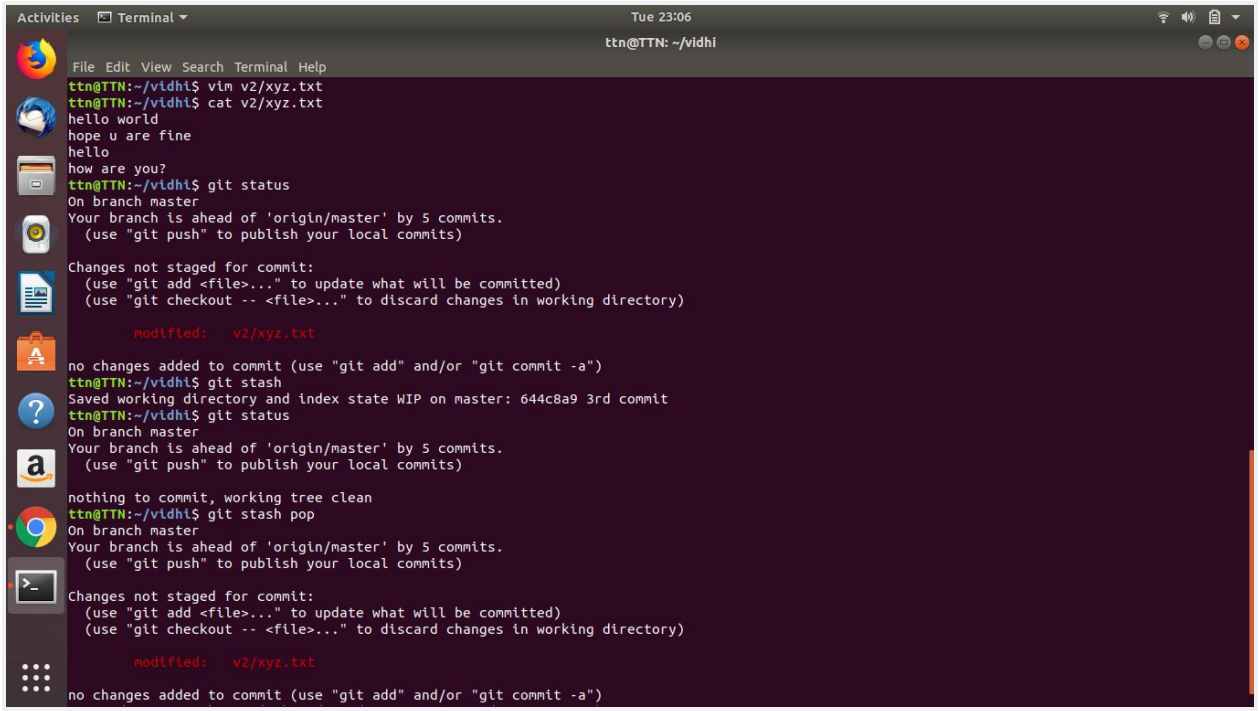




16. Try merging and resolve merge conflicts



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\[\033[00m\]:\[\033[01;34m\]\W\[\033[01;31m\]
$(parse_git_branch)\[\033[00m\]\$ '
else
PS1='\u@\h:\W $(parse_git_branch)\$ '
fi
unset color_prompt force_color_prompt
```