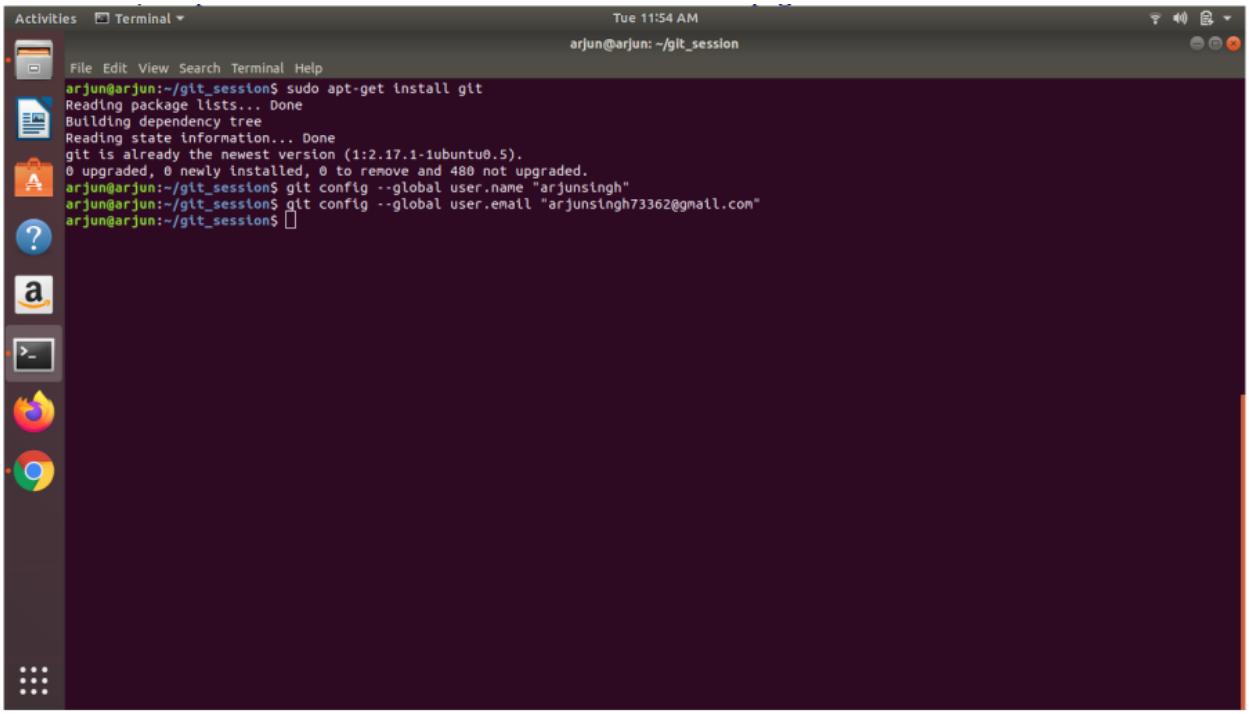
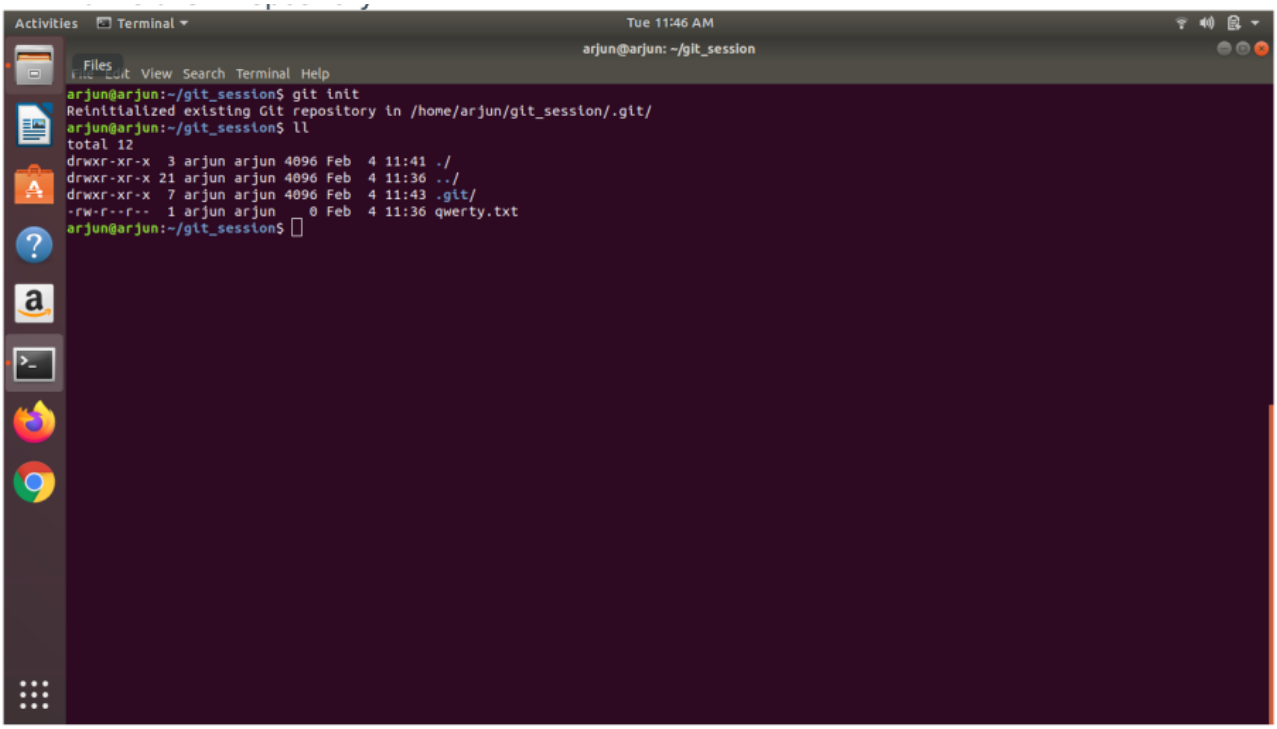
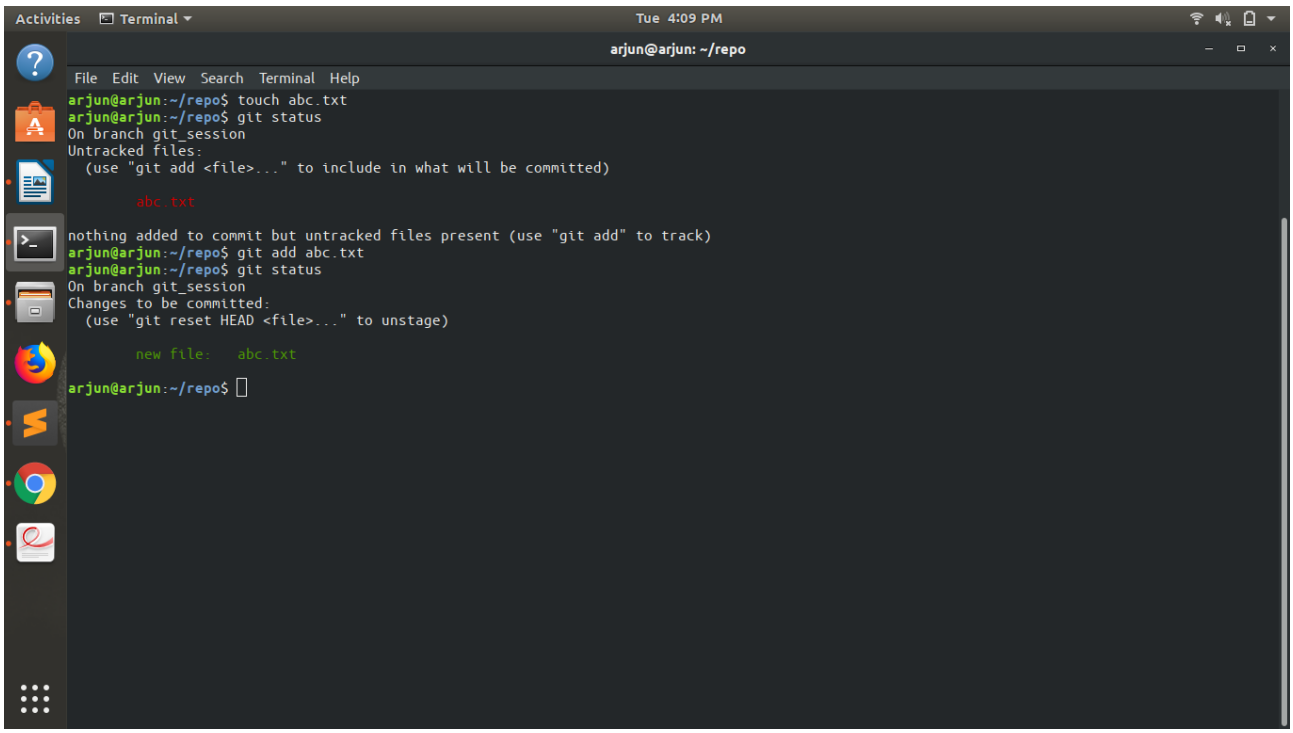
1.Git Setup https://confluence.atlassian.com/bitbucket/set-up-git-744723531.html



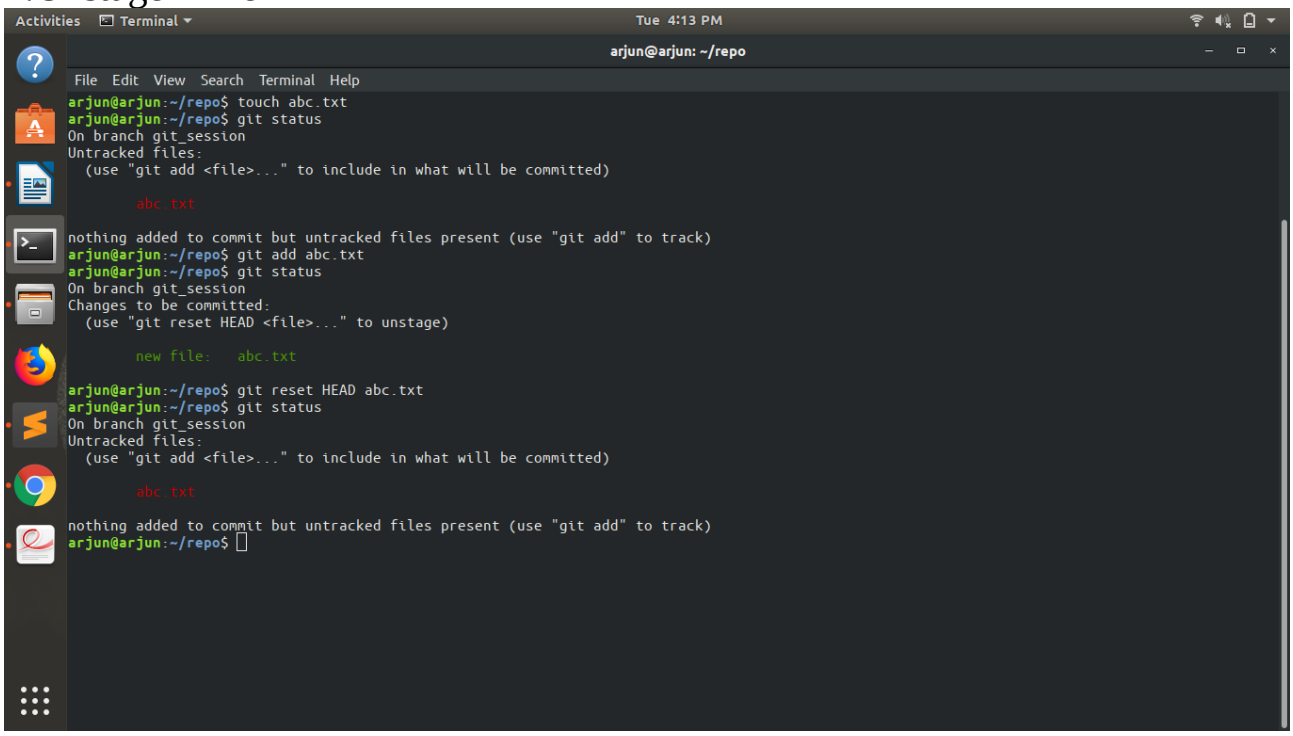
2.Initialize a Git Repository



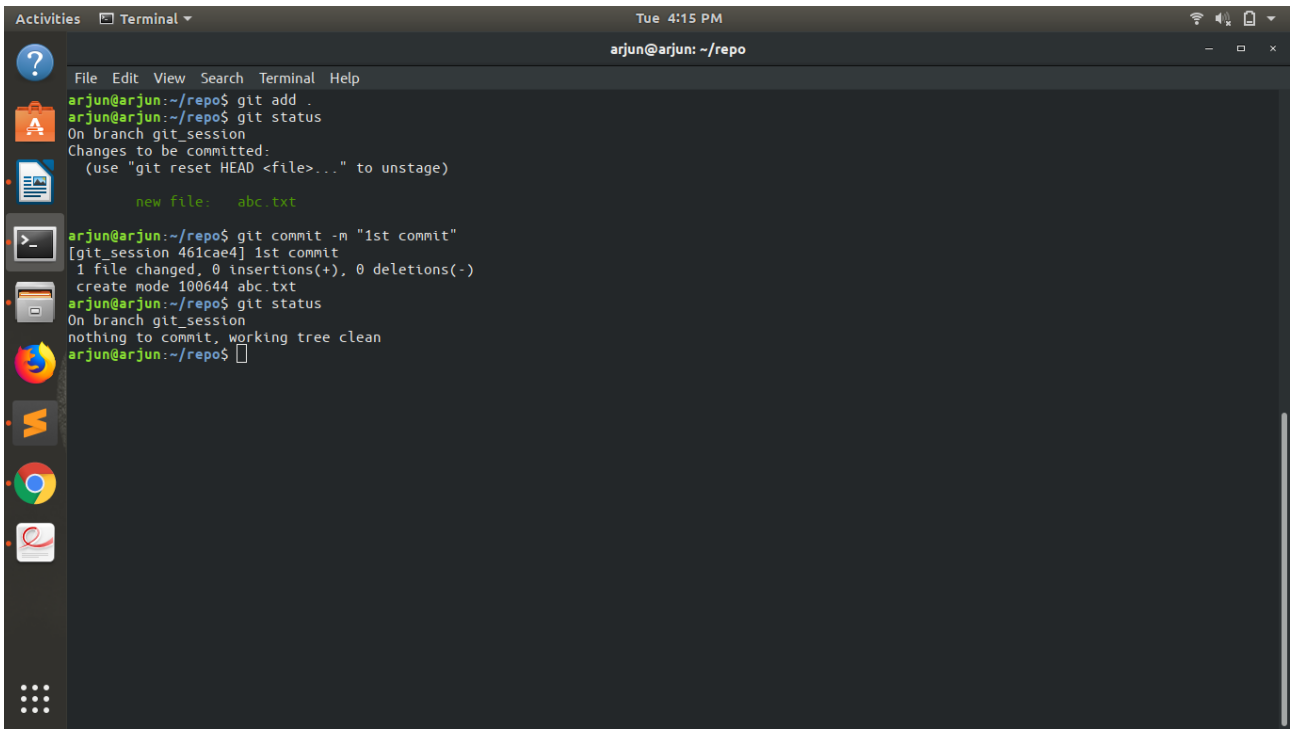
3.Add files to the repository



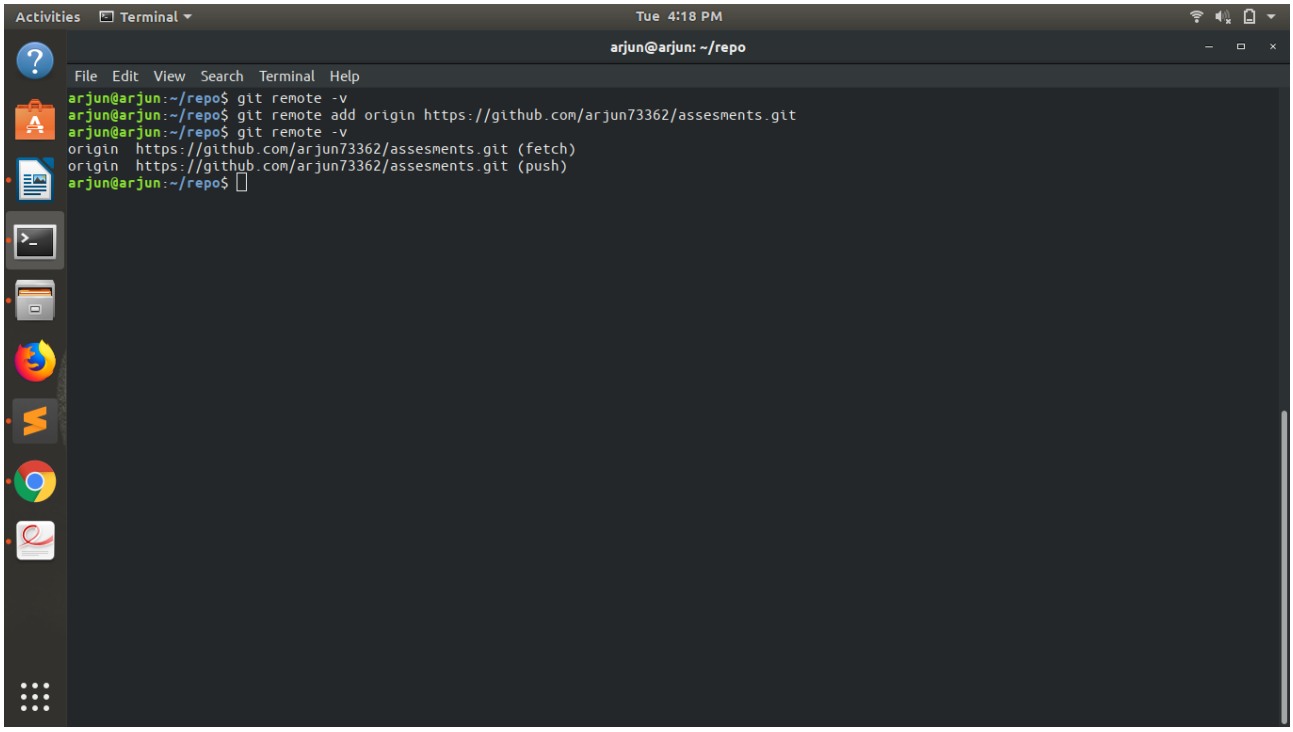
4.Unstage 1 file



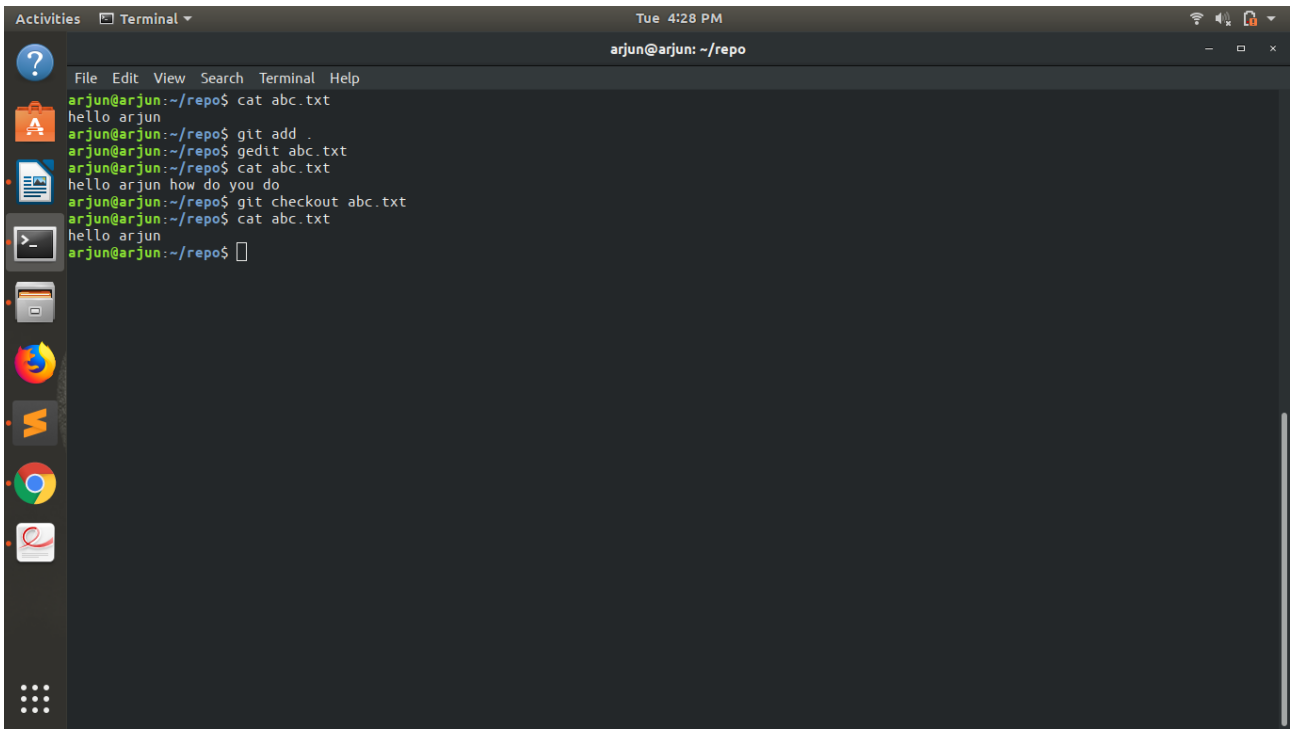
5.Commit the file



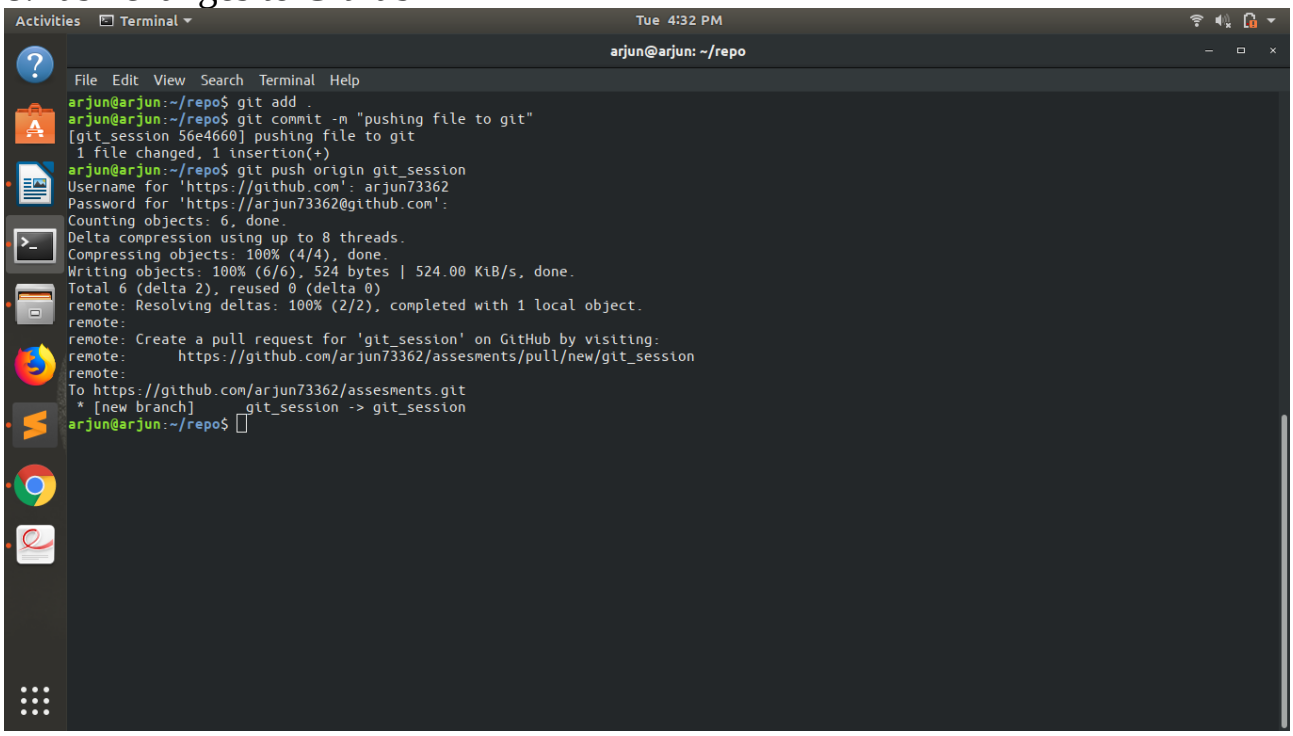
6.Add a remote



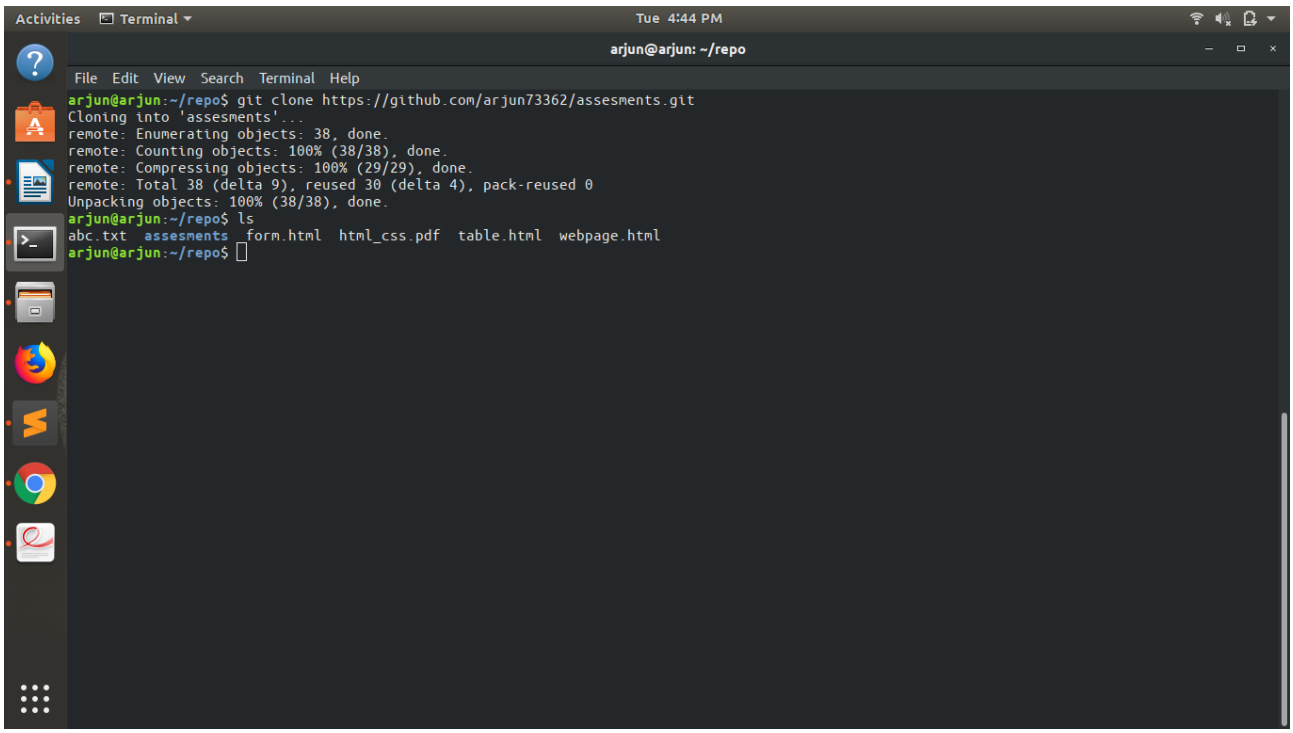
7.Undo changes to a particular file



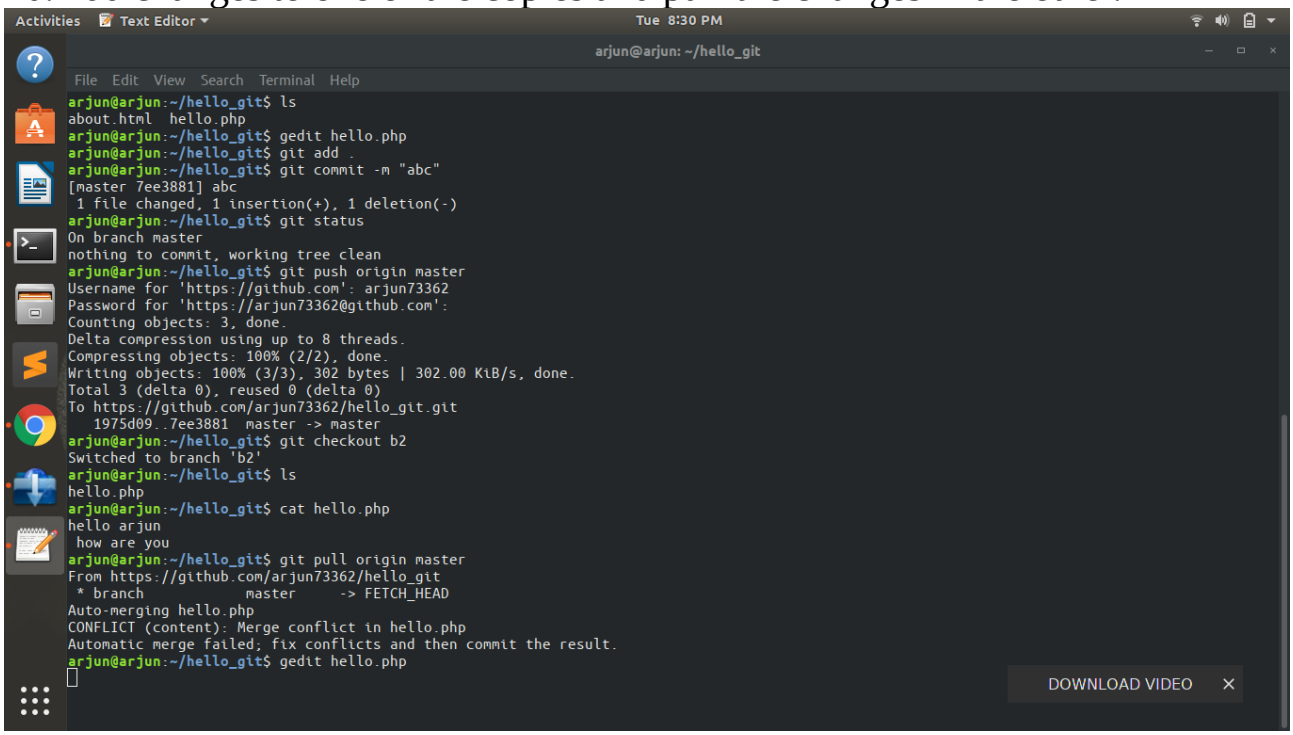
8.Push changes to Github

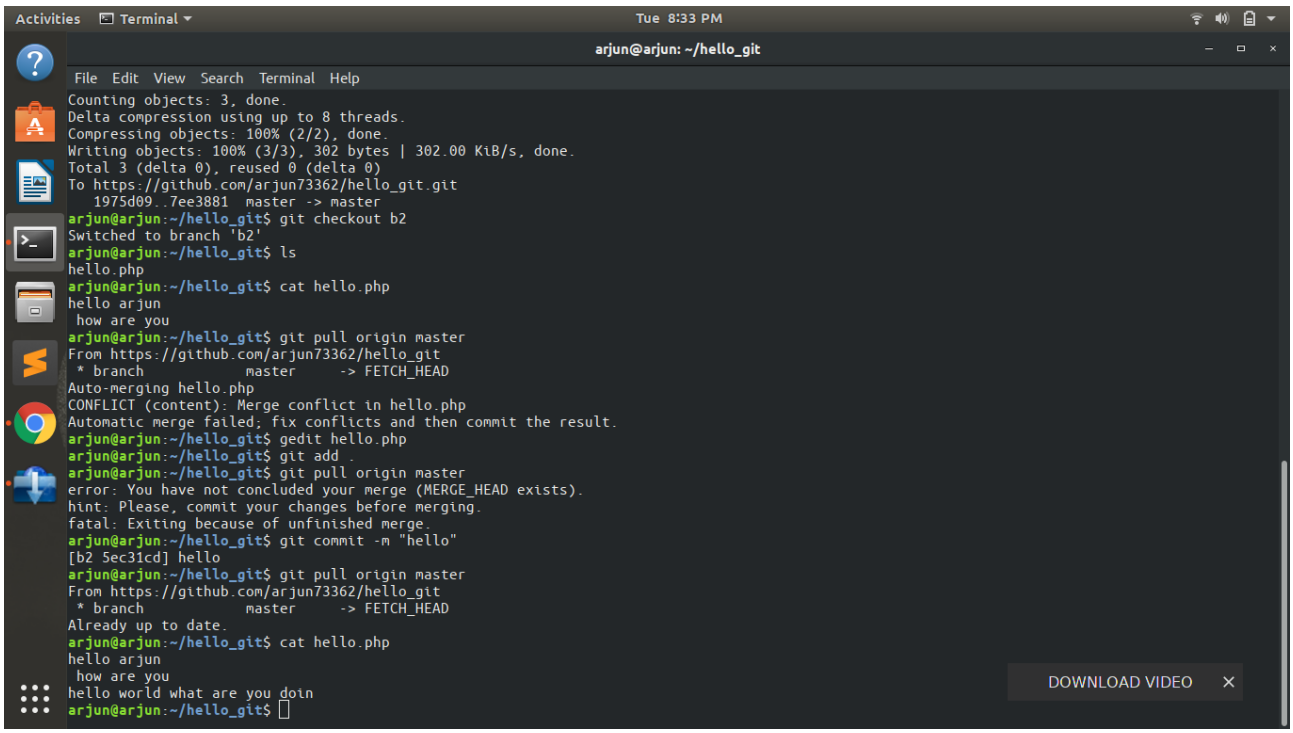


9.Clone the repository

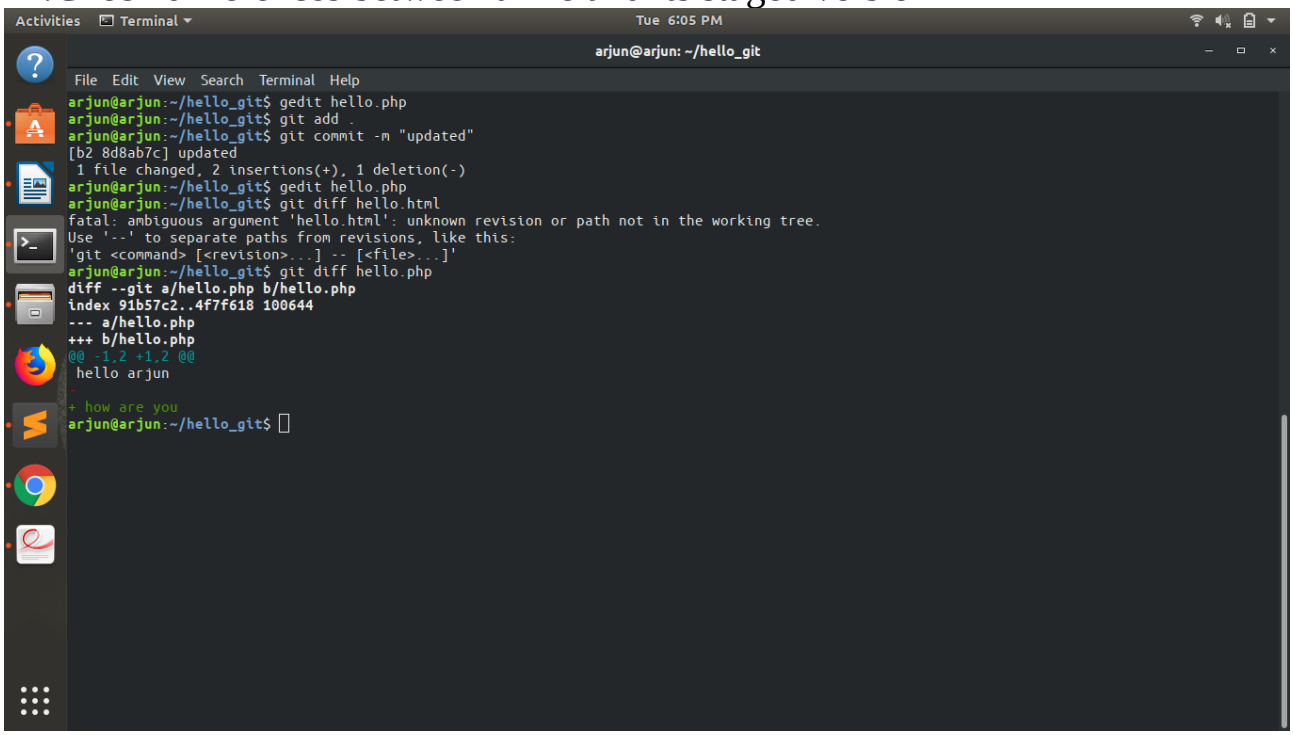


10.Add changes to one of the copies and pull the changes in the other.

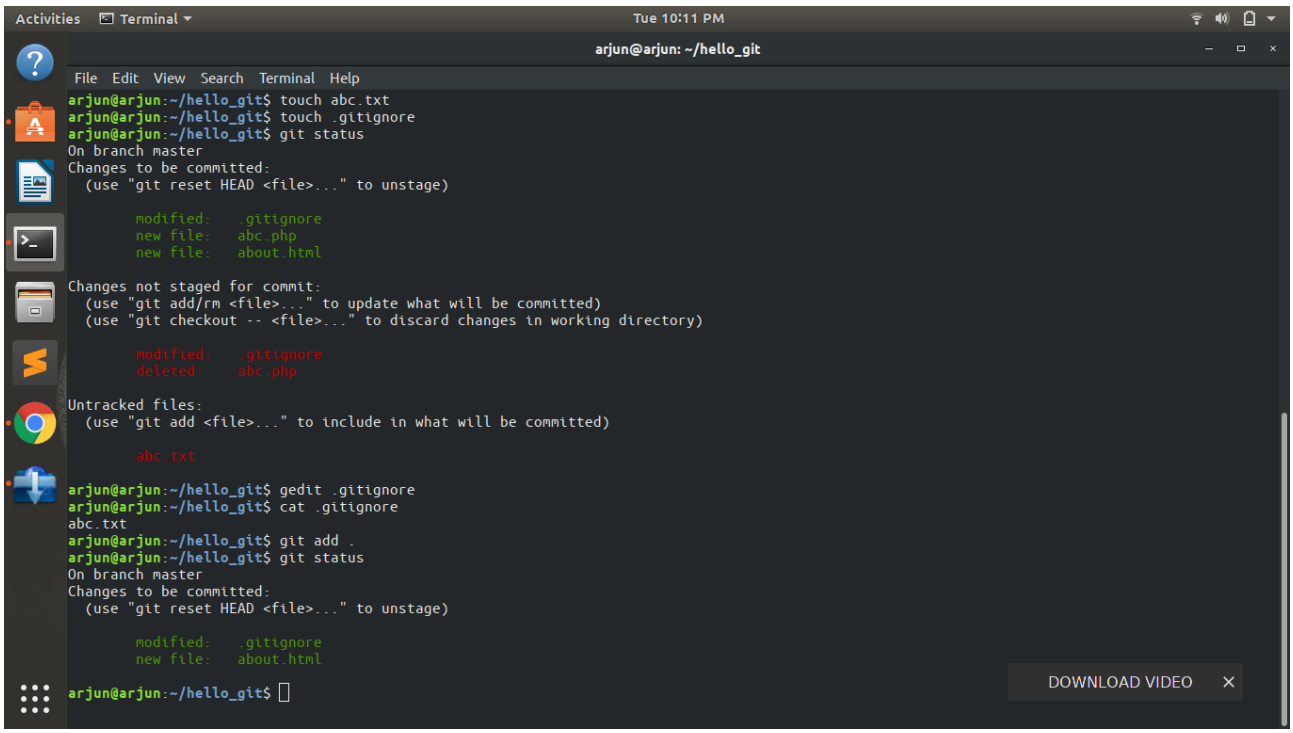




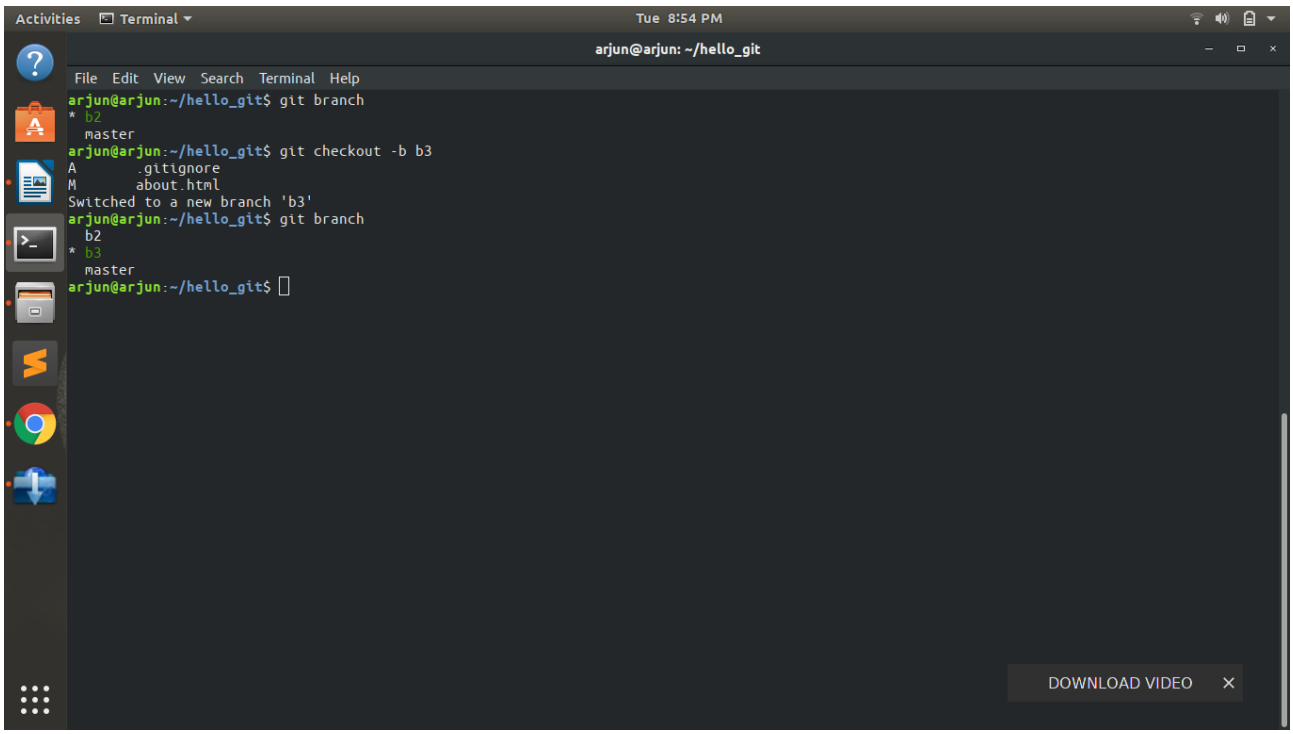
11.Check differences between a file and its staged version



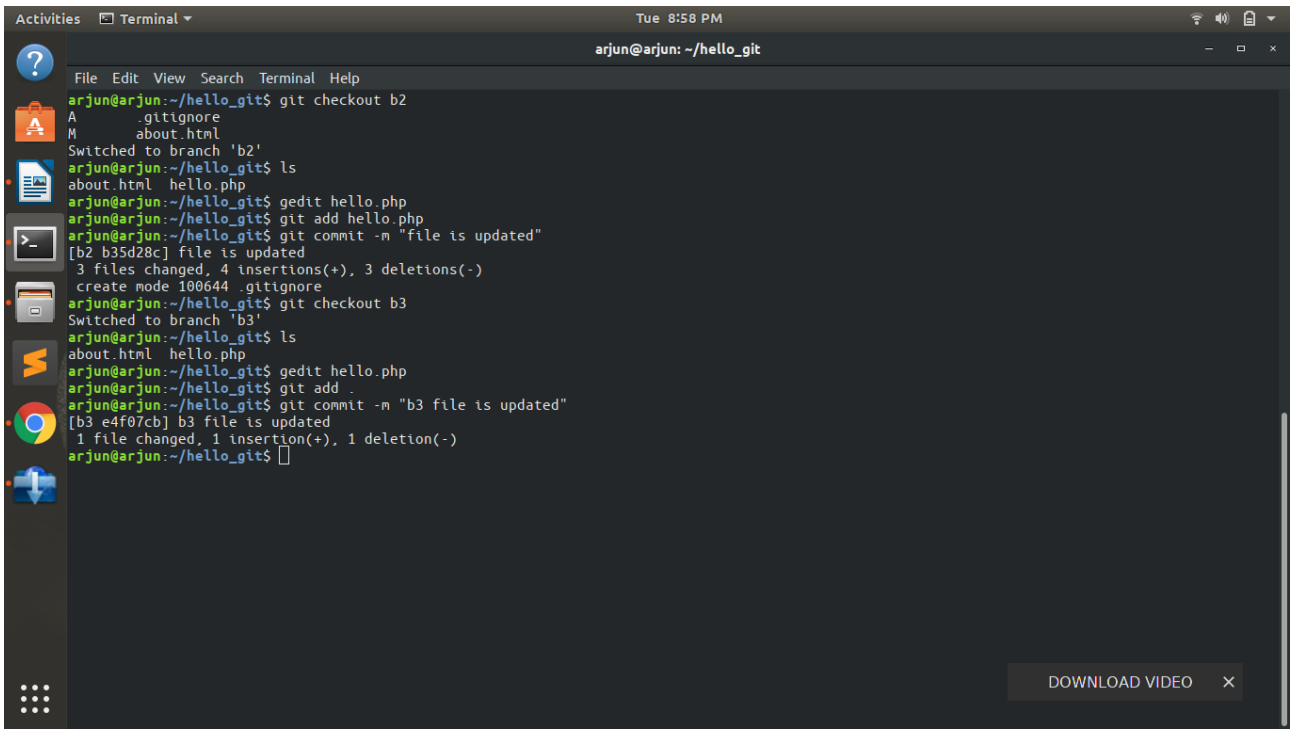
12.Ignore a few files to be checked in



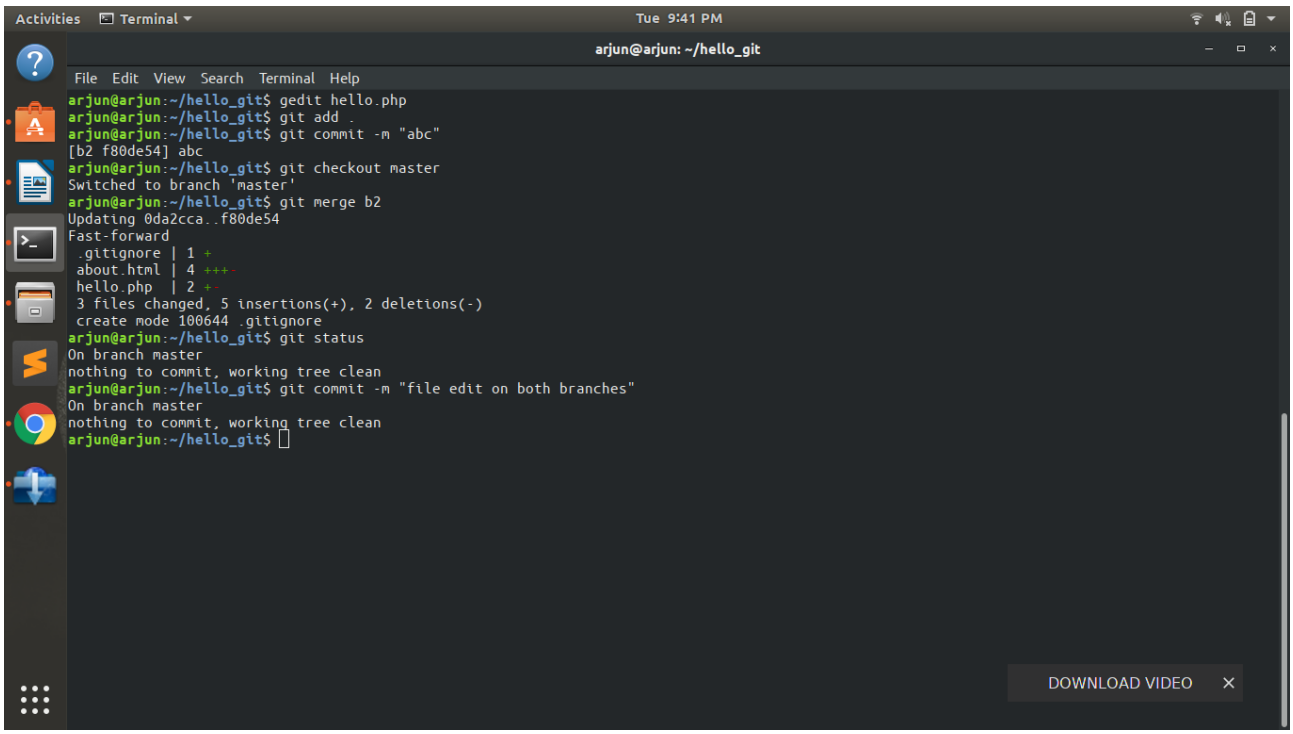
13.Create a new branch.



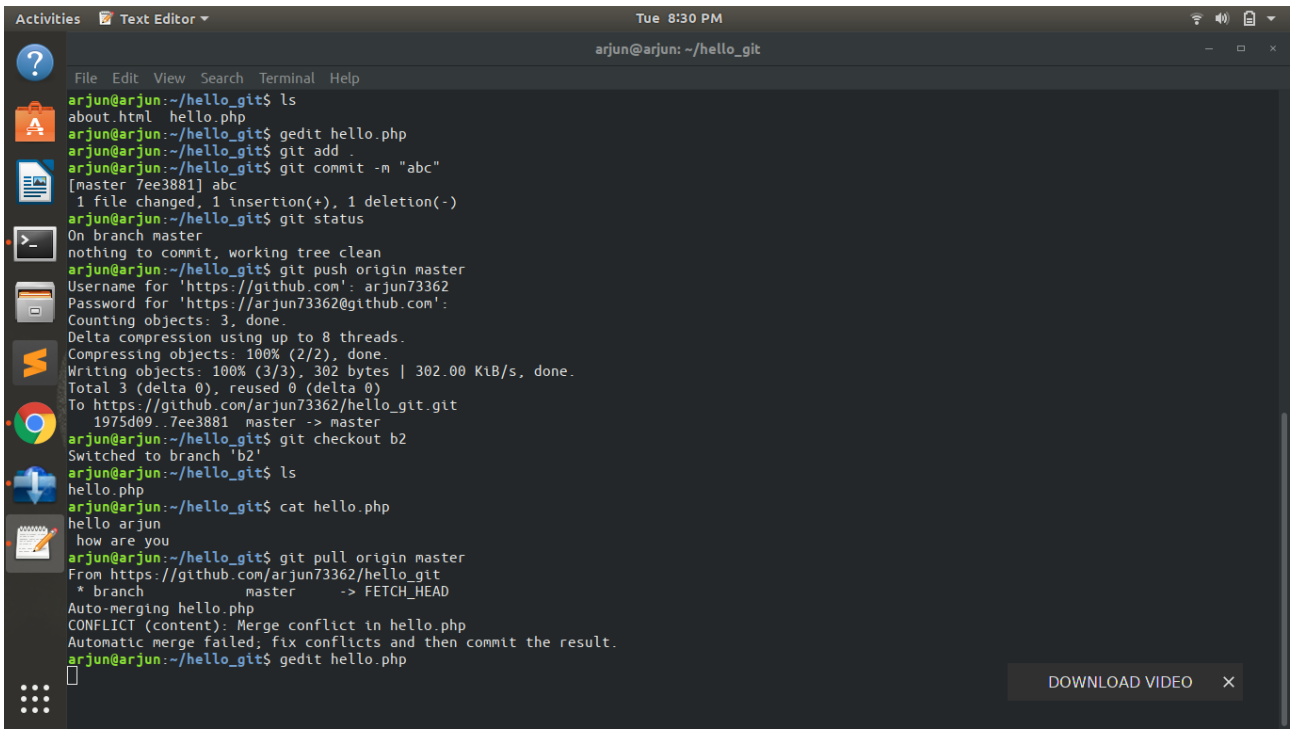
14.Diverge them with commits

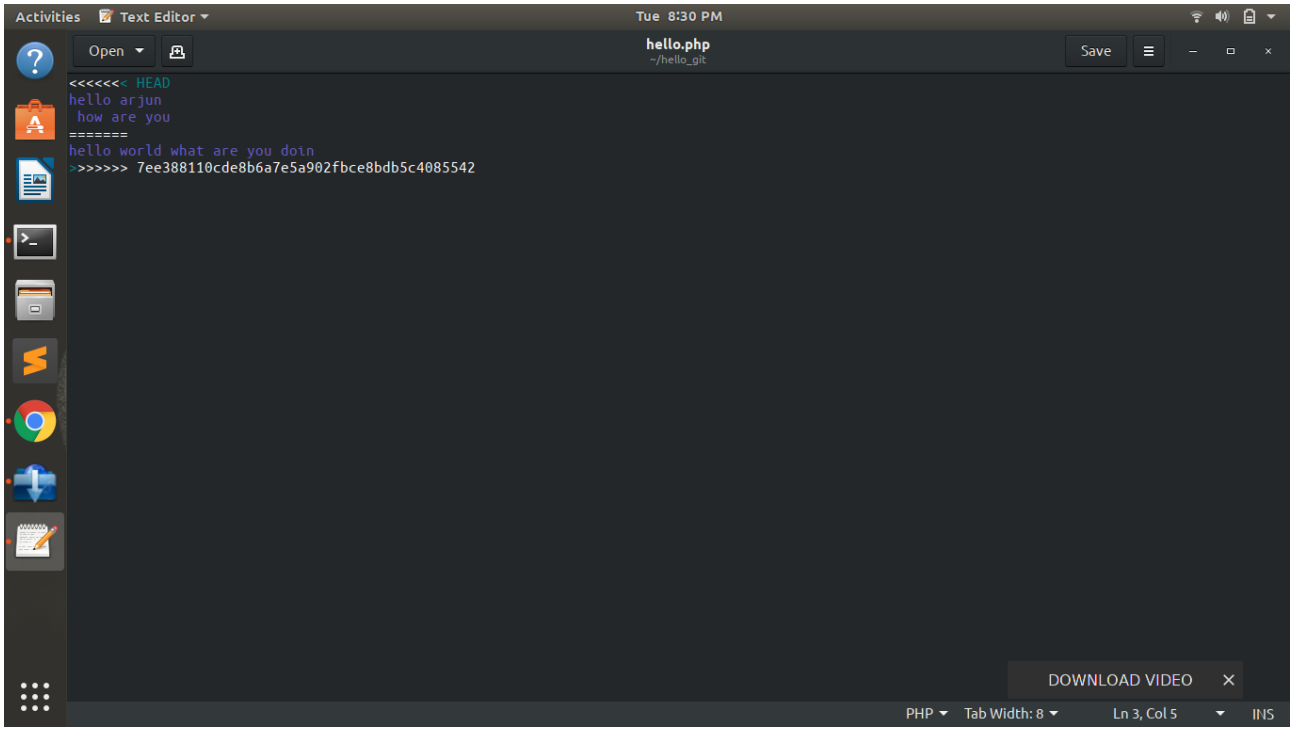


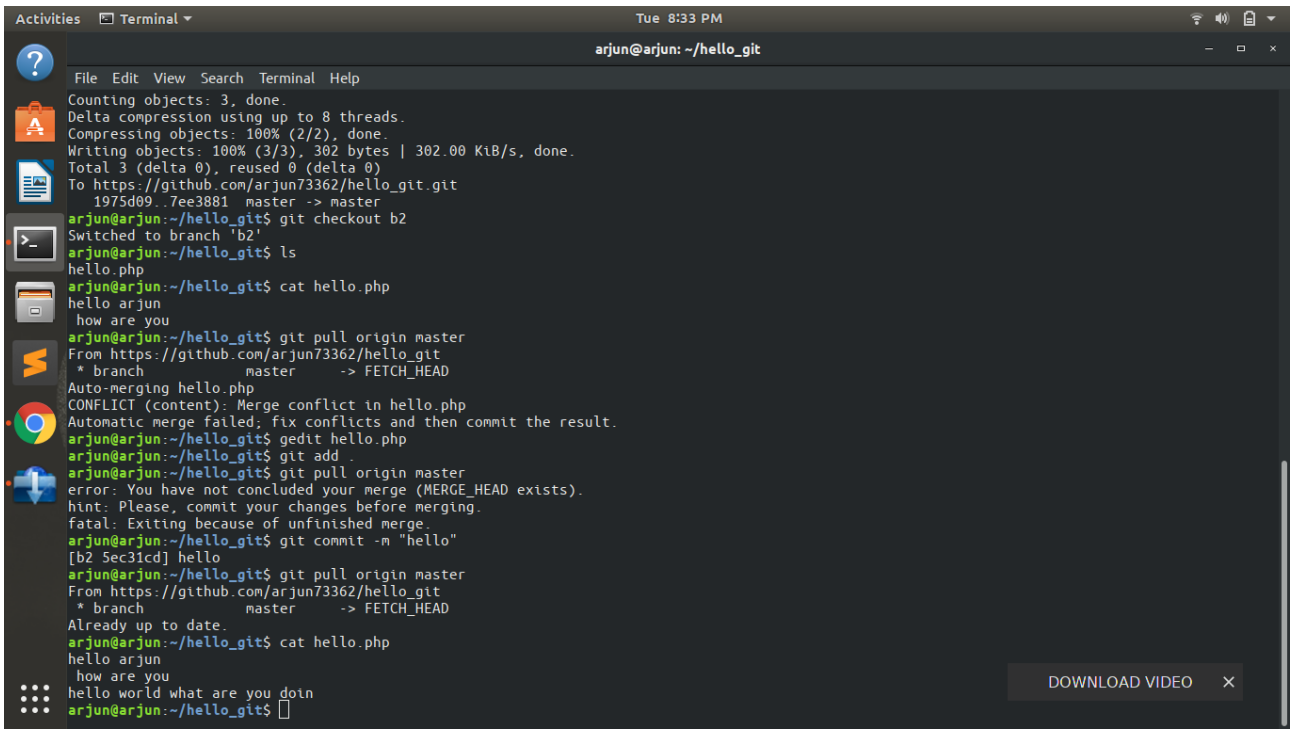
15.Edit the same file at the same line on both branches and commit



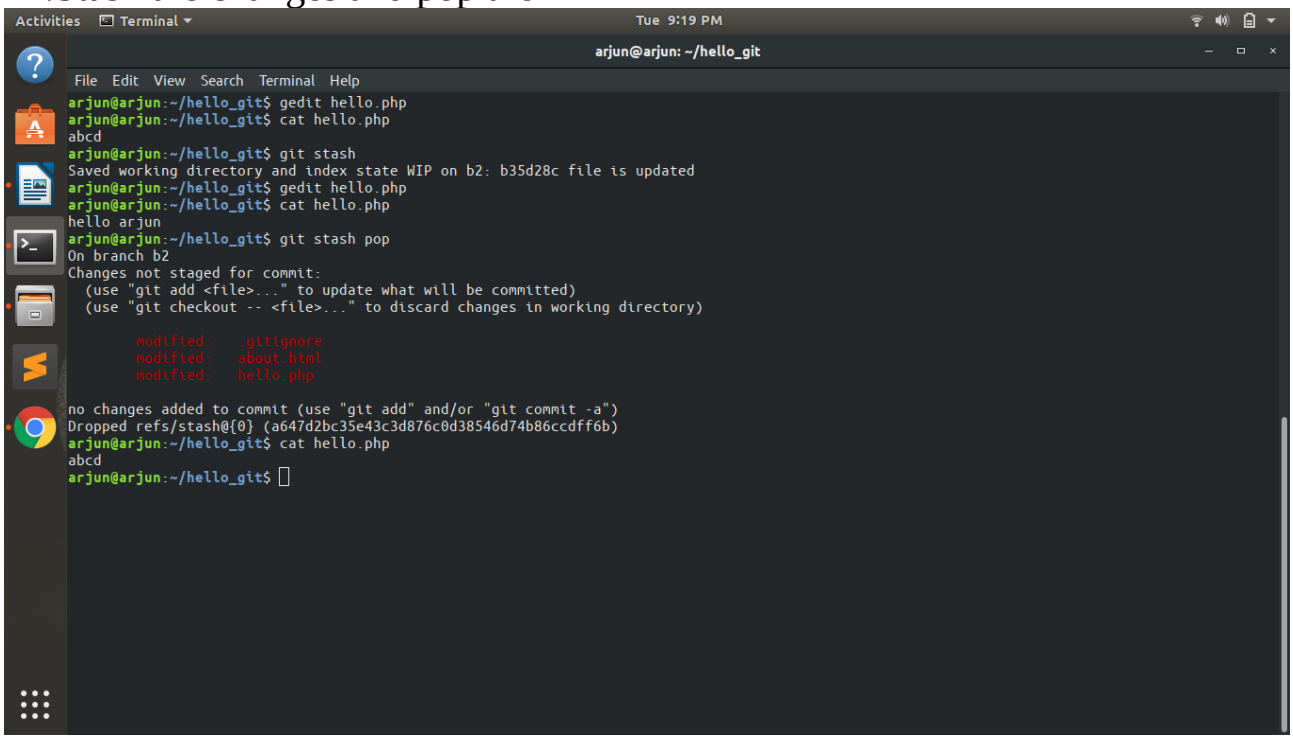
16.Try merging and resolve merge conflicts

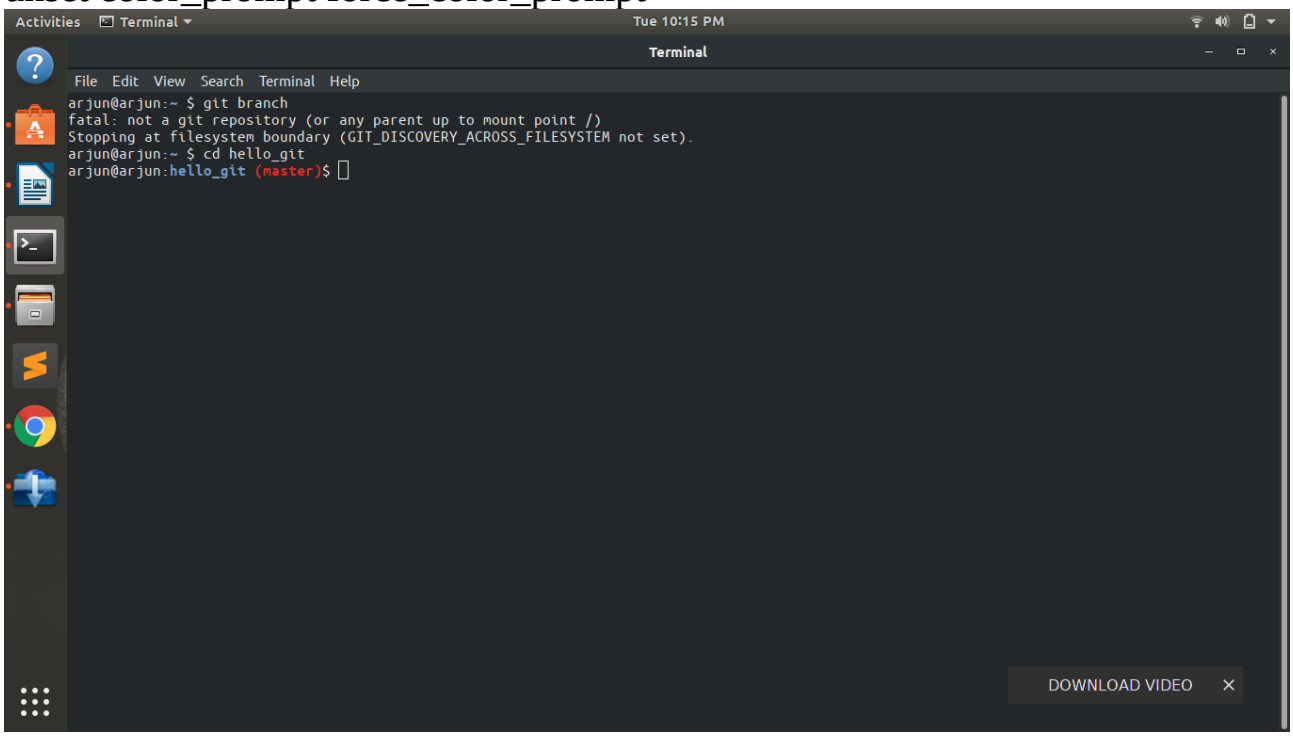

Activities
Text Editor
Tue 8:30 PM
arjun@arjun: ~/hello_git
File Edit View Search Terminal Help
arjun@arjun:~/hello_git$ ls
about.html hello.php
arjun@arjun:~/hello_git$ gedit hello.php
arjun@arjun:~/hello_git$ git add .
arjun@arjun:~/hello_git$ git commit -m "abc"
[master 7ee3881] abc
1 file changed, 1 insertion(+), 1 deletion(-)
arjun@arjun:~/hello_git$ git status
On branch master
nothing to commit, working tree clean
arjun@arjun:~/hello_git$ git push origin master
Username for 'https://github.com': arjun73362
Password for 'https://arjun73362@github.com':
Counting objects: 3, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 302 bytes | 302.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/arjun73362/hello_git.git
1975d09..7ee3881 master -> master
arjun@arjun:~/hello_git$ git checkout b2
Switched to branch 'b2'
arjun@arjun:~/hello_git$ ls
hello.php
arjun@arjun:~/hello_git$ cat hello.php
hello arjun
how are you
arjun@arjun:~/hello_git$ git pull origin master
From https://github.com/arjun73362/hello_git
* branch master -> FETCH_HEAD
Auto-merging hello.php
CONFLICT (content): Merge conflict in hello.php
Automatic merge failed; fix conflicts and then commit the result.
arjun@arjun:~/hello_git$ gedit hello.php
DOWNLOAD VIDEO


Activities
Text Editor
Tue 8:30 PM
Open
hello.php
~/hello_git
Save
<<<<<<< HEAD
hello arjun
how are you
=======
hello world what are you doin
>>>>>>> 7ee388110cde8b6a7e5a902fbce8bdb5c4085542
DOWNLOAD VIDEO
PHP
Tab Width: 8
Ln 3, Col 5
INS



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