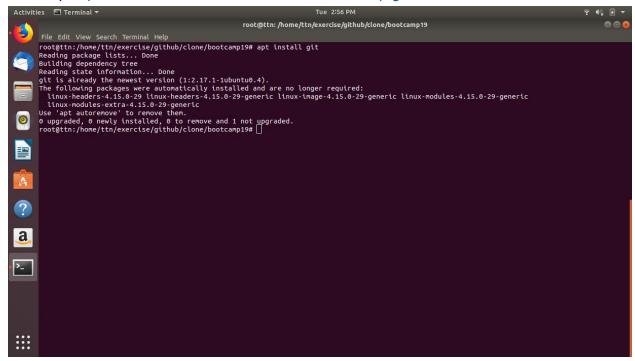
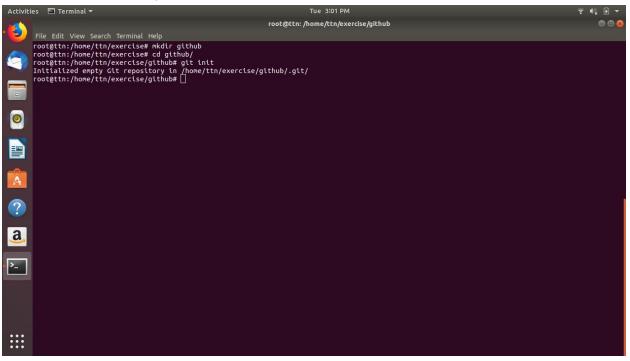
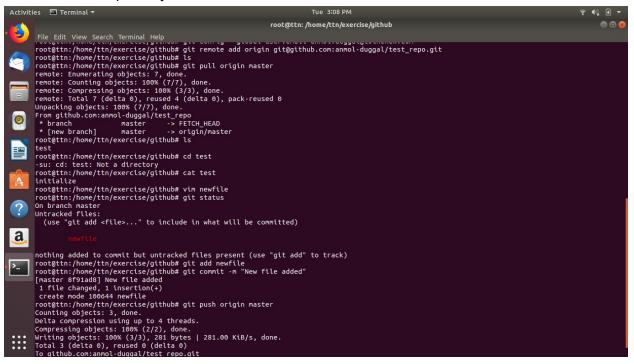
1. Git Setup https://confluence.atlassian.com/bitbucket/set-up-git-744723531.html



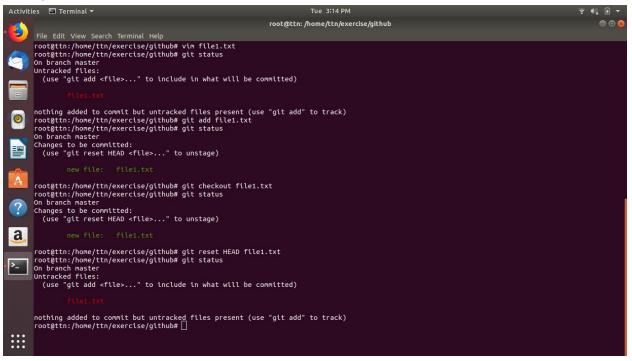
2. Initialize a Git Repository



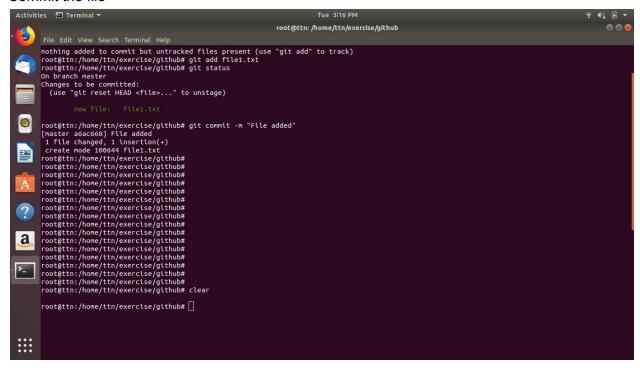
3. Add files to the repository



Unstage 1 file



5. Commit the file



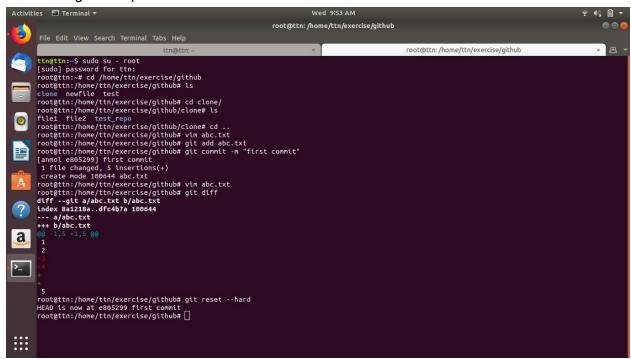
6. Add a remote

```
File Edit View Search Terminal Help

root@ttn:/home/ttn/exercise/github# git remote add origin git@github.com:anmol-duggal/test_repo.git

root@ttn:/home/ttn/exercise/github# git
pull origin master
remote: Enumerating objects: 7, done.
```

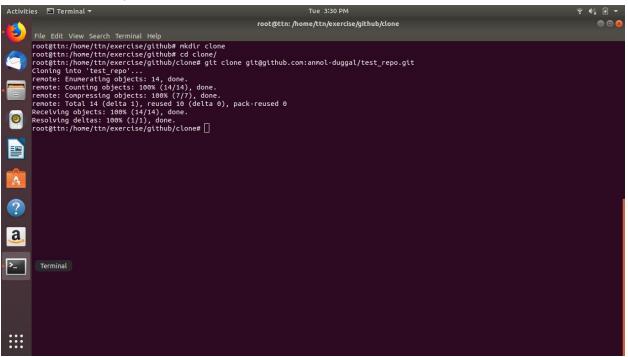
7. Undo changes to a particular file



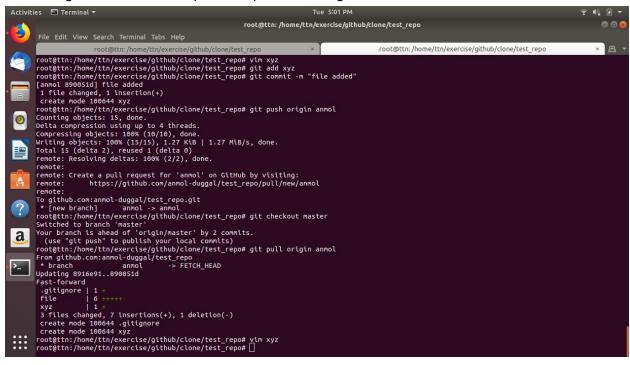
8. Push changes to Github



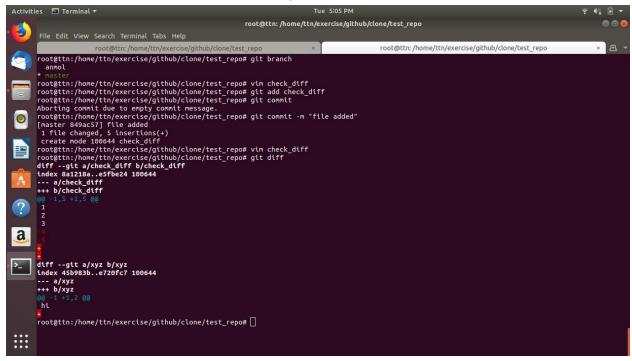
9. Clone the repository



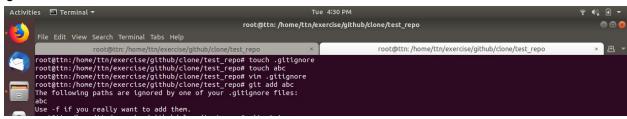
10. Add changes to one of the copies and pull the changes in the other.



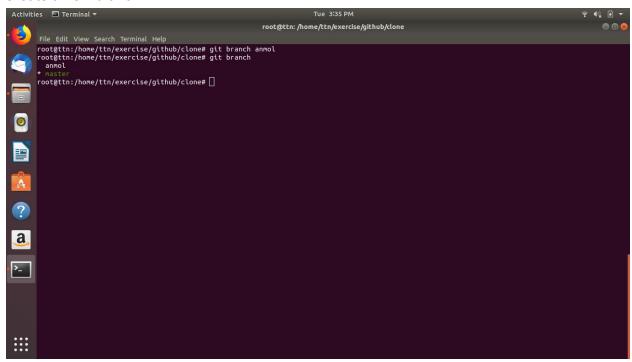
11. Check differences between a file and its staged version



12. Ignore a few files to be checked in



13. Create a new branch.



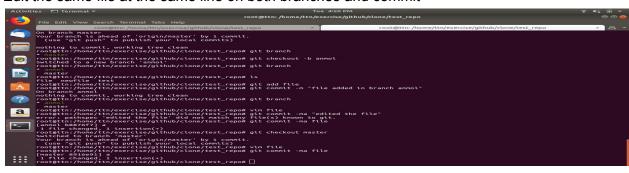
14. Diverge them with commits

```
root@ttn:/home/ttn/exercise/github/clone/test_repo# git add file
root@ttn:/home/ttn/exercise/github/clone/test_repo# git commit -m "file added in branch anmol"
on branch master
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)

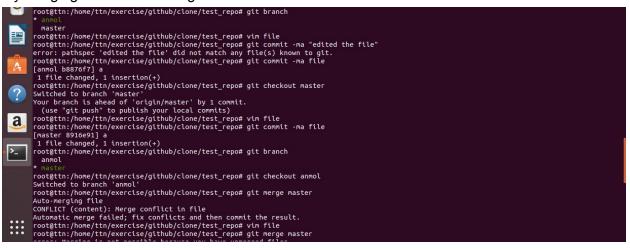
anothing to commit, working tree clean
root@ttn:/home/ttn/exercise/github/clone/test_repo# git branch
* master

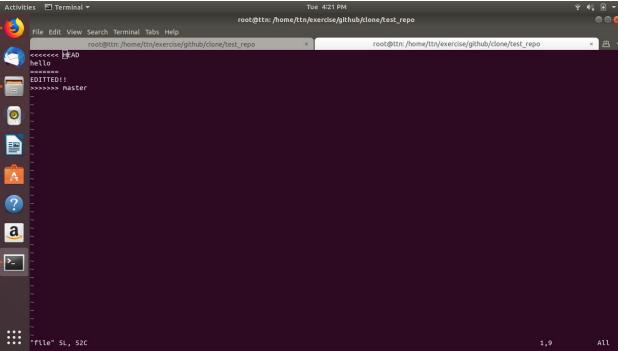
root@ttn:/home/ttn/exercise/github/clone/test_repo# git checkout -b anmol
switched to a new branch 'anmol'
root@ttn:/home/ttn/exercise/github/clone/test_repo# git branch
* anmol
master
root@ttn:/home/ttn/exercise/github/clone/test_repo# git add file
root@ttn:/home/ttn/exercise/github/clone/test_repo# git add file
root@ttn:/home/ttn/exercise/github/clone/test_repo# git commit -m "file added in branch anmol"
on branch anmol
nothing to commit, working tree clean
root@ttn:/home/ttn/exercise/github/clone/test_repo# [
```

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

```
Saved working directory and index state WIP on boot2: 82b7590 Branch data pushed.

ttngttn://bootcamp/clonebootcamp/bootcamp/s git stash pop
On branch boot2
Changes not staged for commit:
(use "git add "file>..." to update what will be committed)
(use "git checkout -- <file>..." to discard changes in working directory)

**DOUTGING TOTION

no changes added to commit (use "git add" and/or "git commit -a")
Dropped refs/stashg(0) (e14193026791b13cee4417a29d25e8b0ff399b18)

ttngttn://bootcamp/clonebootcamp/bootcamp/s git status
On branch boot2
Changes not staged for commit:
(use "git add <file>..." to update what will be committed)
(use "git checkout -- <file>..." to discard changes in working directory)

**Committed Total Committed Committed (use "git add" and/or "git commit -a")
```

```
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
```

```
Tue 16:07 24 °C
 Activities 🖾 Terminal
                                                                                                                          ttn@ttn: ~/bootcamp/clonebootcamp/bootcamp
                                                                                                                                                                                                   × Æ
 ~/.bashrc: executed by bash(1) for non-login shells.
see /usr/share/doc/bash/examples/startup-files (in the package bash-doc)
for examples
olor_prompt="yes"
arse_git_branch() {
git branch <mark>2></mark> /dev/null <mark>| sed</mark> -e '/^[^*]/d' -e 's/* \(.*\)/(\1)/'
S1='\u@\h:\W $(parse_git_branch)\$ <mark>'</mark>
 <mark>nset color_prompt force_color_prompt</mark>
If not running interactively, don't do anything
# don't put duplicate lines or lines starting with space in the history.
# See bash(1) for more options
#ISTCONTROL=ignoreboth
append to the history file, don't overwrite it hopt -s histappend
# for setting history length see HISTSIZE and HISTFILESIZE in bash(1)
HISTFILESIZE=2000
# check the window size after each command and, if necessary,
# update the values of LINES and COLUMNS.
shopt -s checkwinsize
 If set, the pattern "**" used in a pathname expansion context will ~/.bashrc" 126L, 4089C
                                                                                                                                                                                                       Top
```