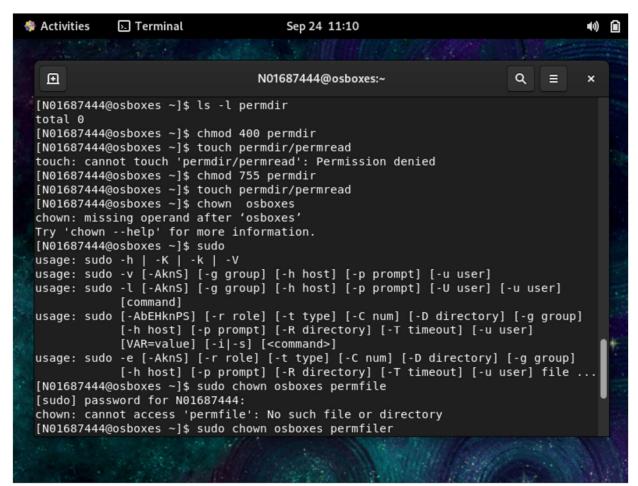
Exercise

Don't forget to paste the output including the command used. Write in your own words.

Please note that some commands will not run. Paste the error message and explain why.

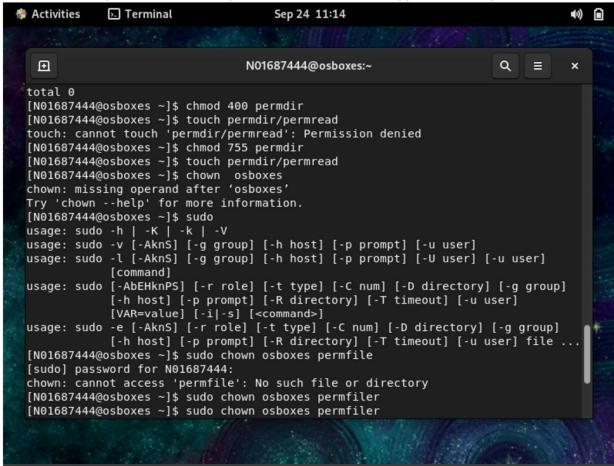
- 1. Create a directory 'permdir' and create a file 'permfile' inside the perdir. Check the permission of permdir and permfile one by one and past here. Note these permissions are default permissions.
- Open the permfile using nano and write the following text.
 "There are three basic permissions. Read (r), Write (w) and Execute (x)."
 Save the file.
- 3. Change the permission of file that user and group have only read permission. [paste here]
- 4. Edit the permfile and add a new line (if possible) "I can write". Discuss your experience, what happened and why.



In number 3 we have changed the permission and removed the write permission so when we enter the code it shows permission denied.for that we need to assign it write permission and after that we can write in it.

- 5. Rename the permfile and give a new name permfiler.
- 6. Change the permission of file so that user and group can edit, while other can only read. Write both commands (with number and letters).

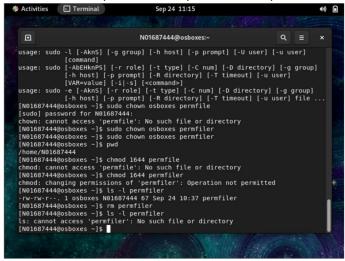
- 7. Change the permission of folder 'permdir' that only user have read permission.
- 8. Create a new file permread inside the permdir and discuss what happened and why.



It shows that permission is denied because it has only read permission.

- 9. Change the permission of folder 'permdir' to default permissions.
- 10. Repeat 8.
- 11. You have a classuser in virtualbox. Change the owner of file permfile to classuer.
- 12. Use the command chmod 1644 permfile

13. Show and explain the new permission of permfile.



The new permission is set for the new owner i.e osboxes and it's only to read and write.

14. Try to delete the permfile. What happened and why!