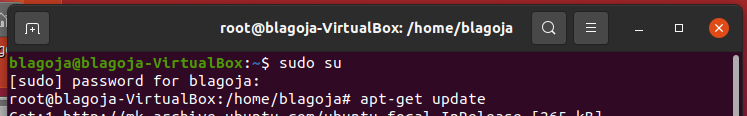
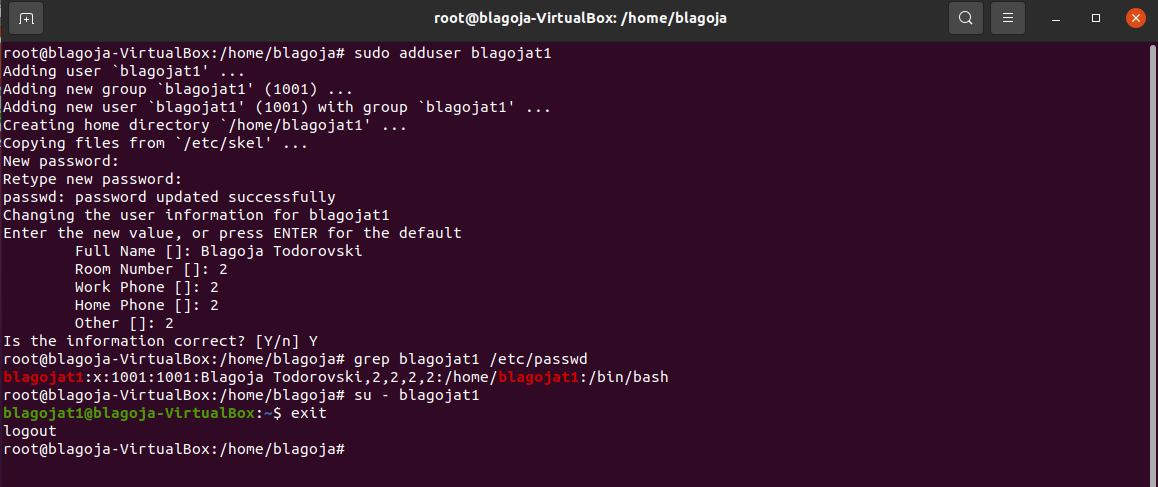
1. Elevate your user access to root;



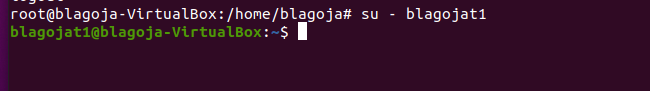
Here this is done with the **sudo su** command, after entering the password we can see the root at the beginning . If we want to check whether we have this privilege or not , we can do this by doing an update that can only be done by people with root access.

1. add a new user to your Linux OS and set a password for it;

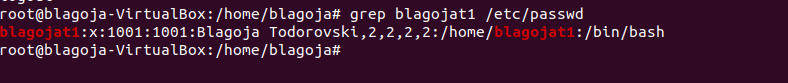


This is done firstly by the command sudo adduser , where you type in the name of the new username you would like to use , then you are asked to inout a password , repeat it , and some non essential information about you. You can check whether this use is created with the help of the command grep username /etc/passwd. You can enter it by typing su – username, and exit it by just typing exit.

1. Test if you can log in using that user;

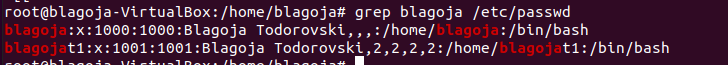


1. Using grep command check if the user is created;



1. grep the UID of each user;

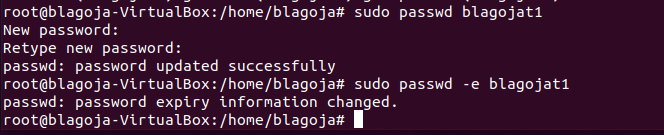




6. Find out the GID of the created user;



7.Change the password of the user and force it to change the pass on his next login;

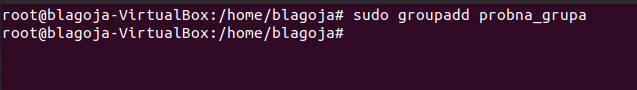


8. Add a new user and set an expiration date for it, with a five-day warning period;;





9. Create a new group;



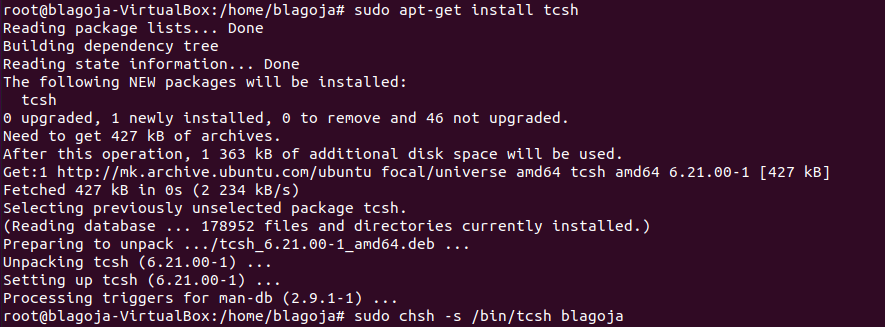
10. Assign the two new users to that group;



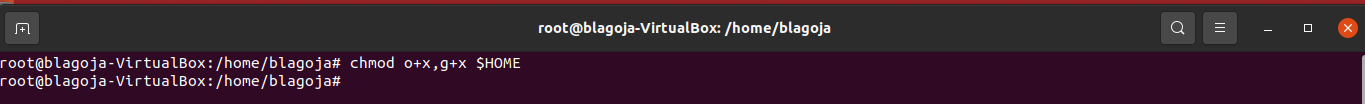
11. Lock one of the user accounts;



12. Change the shell of one user to tcsh;



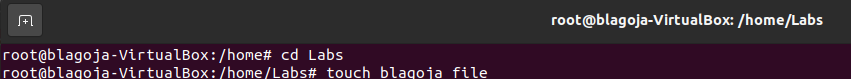
13. Make sure your home directory has “execute” access enabled for group and other.



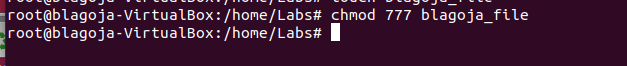
14. Change to your home directory, and create a directory called labs;



15. Create an empty file in labs directory



16. Change permissions of file to rwx-rwx-rwx

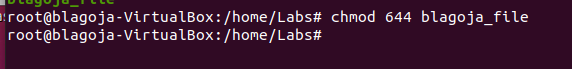


17. List the file. What color is the file?

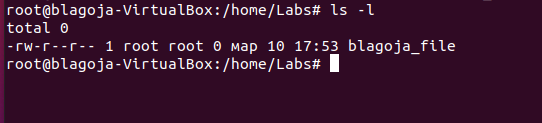


**Green**

18. Change the permissions back to rx-rw-rw



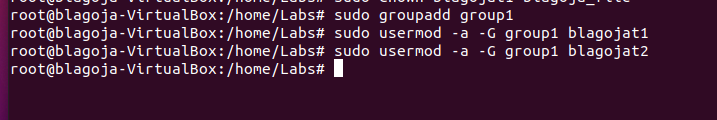
19. Check what owners does the file have.



20. Change the user ownership of the file to another user;



21. Create a group called group1 and assign two users to the group;

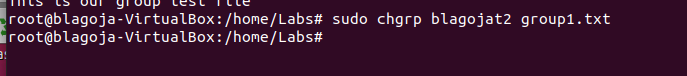


22. Create a file called group1.txt and redirect below input into the file:

“This is our group test file”.



23. Change the group of the file to one of your users;



24. Give members of the group group1 read/write access to this file?

