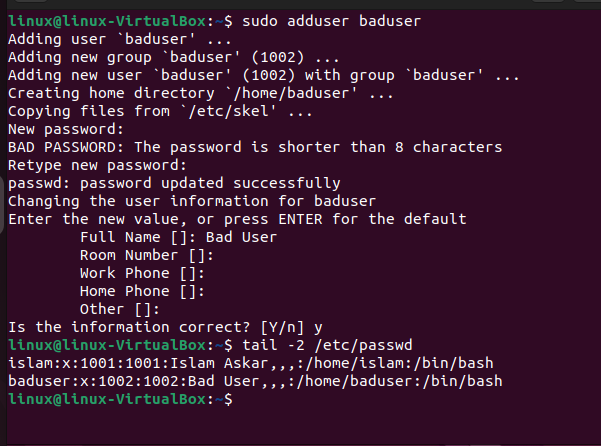
1. Create a user account with the following attribute

* username: islam
* Fullname/comment: Islam Askar
* A screenshot of a computer program

  Description automatically generatedPassword: islam

2. Create a user account with the following attribute

* Username: baduser
* Full name/comment: Bad User
* Password: baduser



3. Create a supplementary (Secondary) group called pgroup with group ID of 30000

A screenshot of a computer program

Description automatically generated

4. Create a supplementary group called badgroup

A screenshot of a computer

Description automatically generated

5. Add islam user to the pgroup group as a supplementary group

A screenshot of a computer program

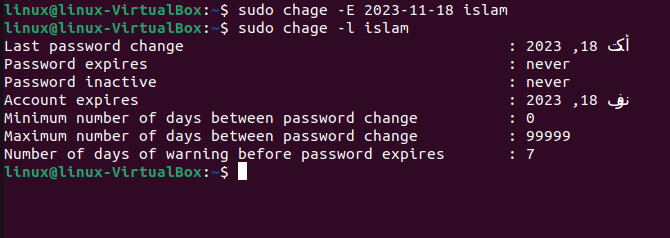
Description automatically generated

6. Modify the password of islam's account to *password*

A screenshot of a computer

Description automatically generated

7. Modify islam's account so the password expires after 30 days



8. Lock bad user account so he can't log in

A computer screen with white text

Description automatically generated

9. Delete bad user account

A computer screen shot of white text

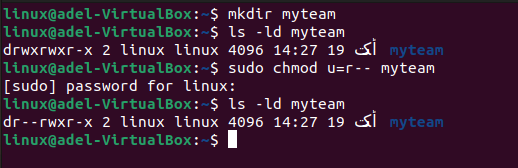
Description automatically generated

10. Delete the supplementary group called badgroup.

A screenshot of a computer

Description automatically generated

13. Create a folder called myteam in your home directory and change its permissions to read only for the owner.



14. Log out and log in by another user

A screenshot of a computer code

Description automatically generated

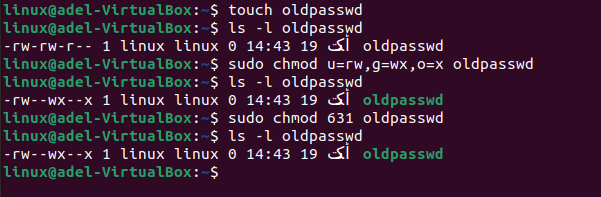
15. Try to access (by cd command) the folder (myteam)

A black background with white text

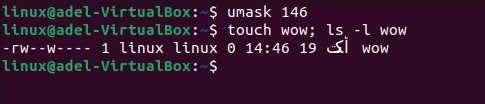
Description automatically generated

16. Using the command Line

1. Change the permissions of oldpasswd file to give owner read and write permissions and for group write and execute and execute only for the others (using chmod in 2 different ways)



1. Change your default permissions to be as above.



1. What is the maximum permission a file can have, by default when it is just created? And what is that for directory.

For file 🡪 664 == rw-rw—r--

For dir 🡪 775 == rwxrwx-r-x

1. Change your default permissions to be no permission to everyone then create a directory and a file to verify.

A screenshot of a computer screen

Description automatically generated

17.

What are the minimum permission needed for:

* Copy a directory (permission for source directory and permissions for target parent directory)

Source : r-x target: -wx

* Copy a file (permission for source file and and permission for target parent directory)

Source: r-- target: -wx

* Delete a file

none

* Change to a directory

--x

* List a directory content (ls command)

r--

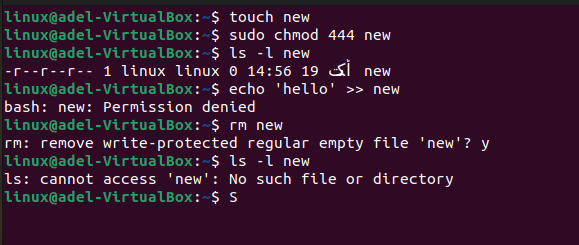
* View a file content (more/cat command

r--

* Modify a file content

-w-

18. Create a file with permission 444. Try to edit in it and to remove it? Note what happened.



19. What is the difference between the “x” permission for a file and for a directory?

File: allow to execute file if its executable directly. And shell scripts if it has read permission too.

Dir: allow to cd into it.