**Challenges - User Account Management**

* Create a new user using the **useradd** command with no other options. Check if the home directory of the user was created as well.
* Set a password for the user.
* Log in as the new user (in a terminal or GUI).
* Create a new user using the **useradd** specifying the following: the home directory (which will be created as well), the Bash shell, and a comment.
* Set a password for the user.
* Create a new group using the **groupadd** command and then add the user to the newly created group.
* Check the groups to which the user belongs.
* Try to execute a command as root (like say **sudo cat /etc/shadow** or **sudo ls -l /root**). Run the command as the user you created at the previous challenge. Notice what will happen.
* Make this user an admin one and rerun the command as root.
* Create 2 new groups and **add** the user create above to those groups without taking it out of the groups it already belongs to.
* Remove the groups and the users (including their home directory) created in the previous challenges.
* Understand the concept of **salt** used in Linux passwords. Create 2 new users and set the same password for both of them. Check that the save password in /etc/shadow is different for each user.