**CSE 341 Homework Assignment 2**

**Student Information:**  
Dogukan Celik  
20200808071

**1. What does the id command do? What does it show?**

uid=1000(dogukancelik) gid=1000(dogukancelik) groups=1000(dogukancelik),10(wheel) context=unconfined\_u:unconfined\_r:unconfined\_t:s0-s0:c0.c1023

**2. If I wanted to see the user information and password information for a user, in what two files would I look?**

User information and password information is usually stored in /etc/shadow or /etc/passwd files.

**3. Explain the format of how passwords are stored.**

Hashed.

A screenshot of a computer

Description automatically generated

**6. Write a list of commands to create a new user on your system with the userid “miles” and the password “Sp!derv3r5e”. Then create a group named “netflix” and put the user you created into this group. Also put your own user into this group.**

**Note: “>>” represents user input.**

sudo adduser miles

sudo passwd miles

>> Sp!derv3r5e

sudo groupadd netflix

sudo usermod -aG netflix miles

sudo usermod -aG netflix dogukancelik

**7. Remove the user “uncleaaron” from the system and remove the home directory for this user.**

sudo userdel -r uncleaaron

**8. Lock the account “miguel”.**

sudo passwd -l miguel

**9. Explain how permissions are applied. Give an example of how a user could be not the owner of a file and yet be able to view a file that the owner could not.**

**drwx-wxr-x miles spiderman spiderverse**

* Directory
* Miles(owner) has read, write, execute
* Spiderman(group) has write, execute
* Others have read, execute

**-rw-r--r-- spot spot portal**

* File
* Spot(owner) has read, write
* Spot(group) has read
* Others have read

**-rwxrw---- gwen spiderman stacy**

* File
* Gwen(owner) has read, write, execute
* Spiderman(group) has read, write
* Others have no permissions

**--wxrw--w- miguel villains evilPlans**

* File
* Miguel(owner) write, execute
* Villains(group) has read, write
* Others have write

**-r--r--r-- miles newyork nowonnetflix**

* File
* Owner, group and others have only read permission.

**10. List the users that can view the contents of the file “evilPlans”.**

Miguel is the owner but it does not have read permission. Any user in villains group can view the contents of the file “evilPlans”.

**11. List the users that can edit the file “stacy”.**

Gwen and the users in spiderman group can edit the file. Others have no any permission.

**12. How could we change the permissions to allow anyone in the “villains” group to execute the “evilPlans” file?**

chmod g+x evilPlans

**13. List the users that can view a list of all files in the “spiderverse” directory.**

Miles and the others except the users in spiderman group.

**14. List users that can delete the file “evilPlans”.**

Miguel

The users in villains group

Miles