

# CSE 341 Homework Assignment 2

## Student Information:

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

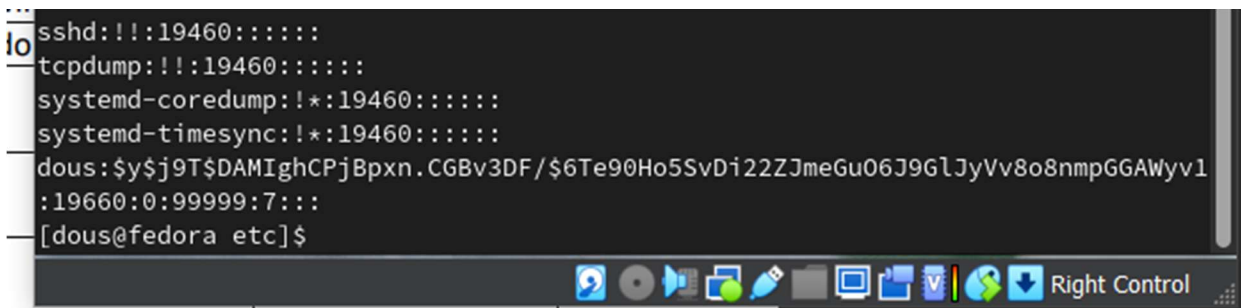
```
uid=1000(dogukancelik) gid=1000(dogukancelik) groups=1000(dogukancelik),10(wheel)
context=unconfined_u:unconfined_r:unconfined_t:s0-s0:c0.c1023
```

### 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 terminal window showing the output of the 'id' command for a user named 'dous'. The output is: 'dous:\$y\$j9T\$DAMIghCPjBpxn.CGBv3DF/\$6Te90Ho5SvDi22ZJmeGu06J9G1JyVv8o8nmpGGAWyv1:19660:0:99999:7:::[dous@fedora etc]\$'. The terminal has a dark background and a light-colored cursor. The system tray at the bottom shows various icons and the text 'Right Control'.

### 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