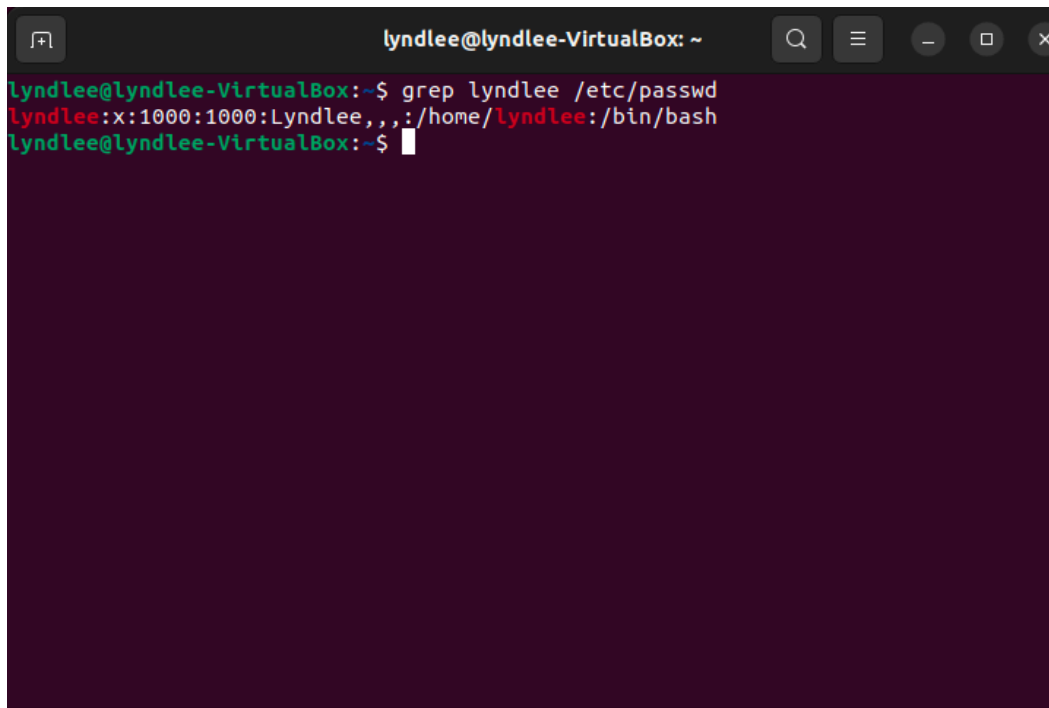


## TASK A

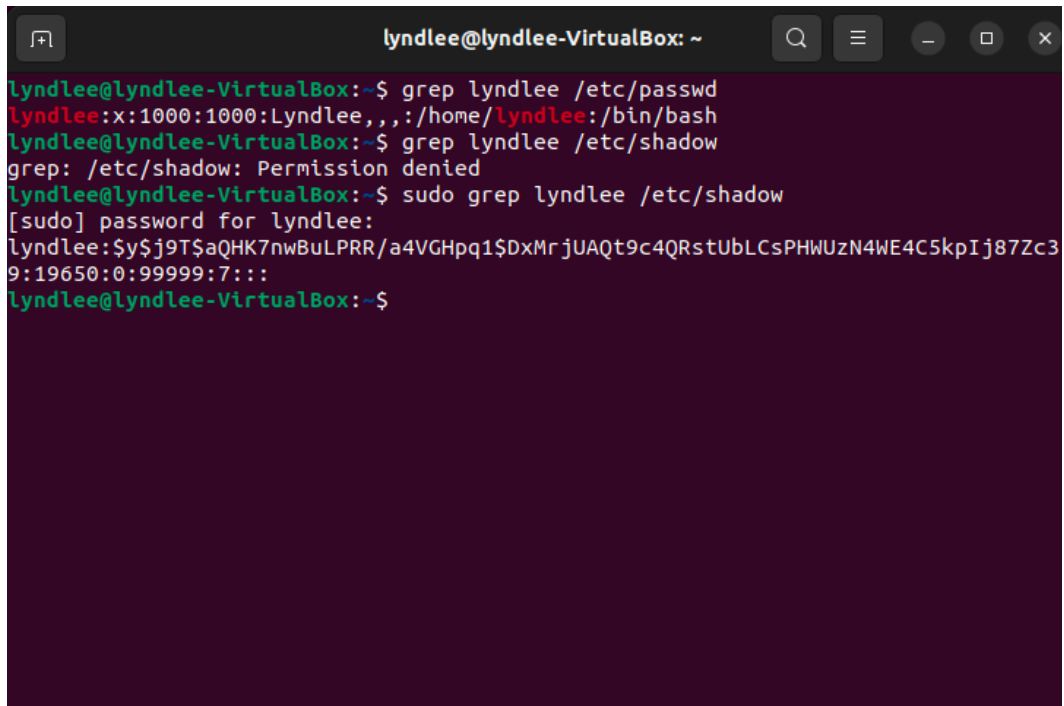
Step 1:



```
lyndlee@lyndlee-VirtualBox: ~  
lyndlee@lyndlee-VirtualBox:~$ grep lyndlee /etc/passwd  
lyndlee:x:1000:1000:Lyndlee,,,:/home/lyndlee:/bin/bash  
lyndlee@lyndlee-VirtualBox:~$
```

Open a terminal window in VM and execute the correct command to display user account information (including the login shell and home directory) for the current user using grep.

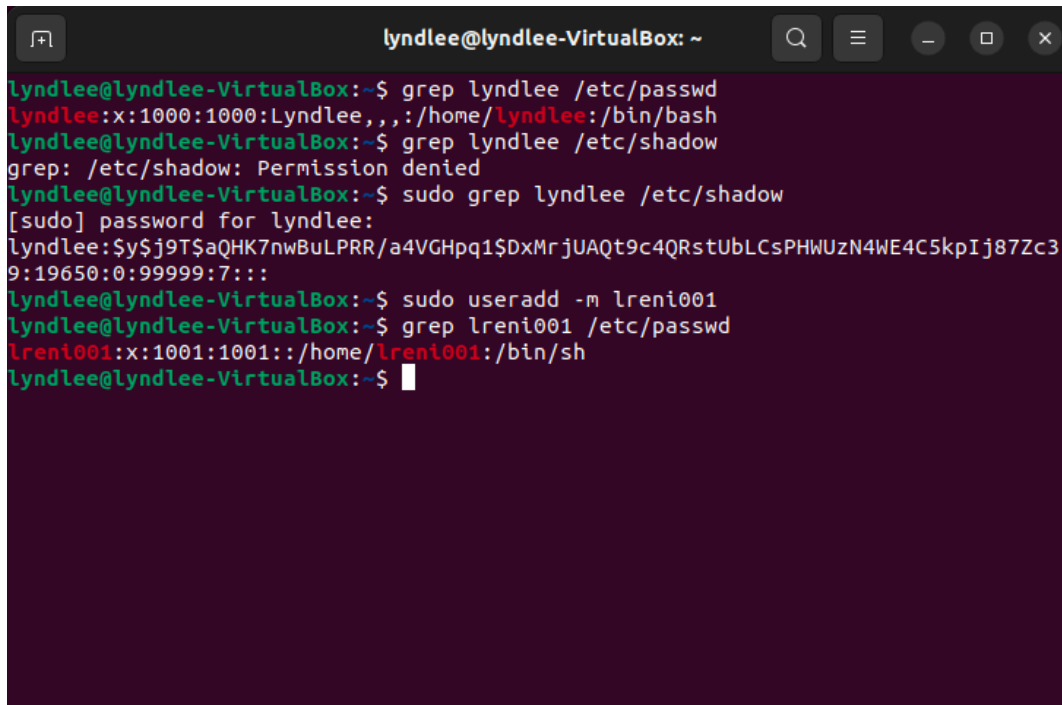
Step 2:

A terminal window titled 'lyndlee@lyndlee-VirtualBox: ~' with standard window controls. The terminal shows the following commands and output:

```
lyndlee@lyndlee-VirtualBox:~$ grep lyndlee /etc/passwd
lyndlee:x:1000:1000:Lyndlee,,,:/home/lyndlee:/bin/bash
lyndlee@lyndlee-VirtualBox:~$ grep lyndlee /etc/shadow
grep: /etc/shadow: Permission denied
lyndlee@lyndlee-VirtualBox:~$ sudo grep lyndlee /etc/shadow
[sudo] password for lyndlee:
lyndlee:$y$j9T$aQHK7nwBuLPRR/a4VGHPq1$DxMrjUAQt9c4QRstUblCsPHWUzN4WE4C5kpIj87Zc3
9:19650:0:99999:7:::
lyndlee@lyndlee-VirtualBox:~$
```

Execute the correct command to display user password information (including the encrypted password and password aging) for the current user using grep

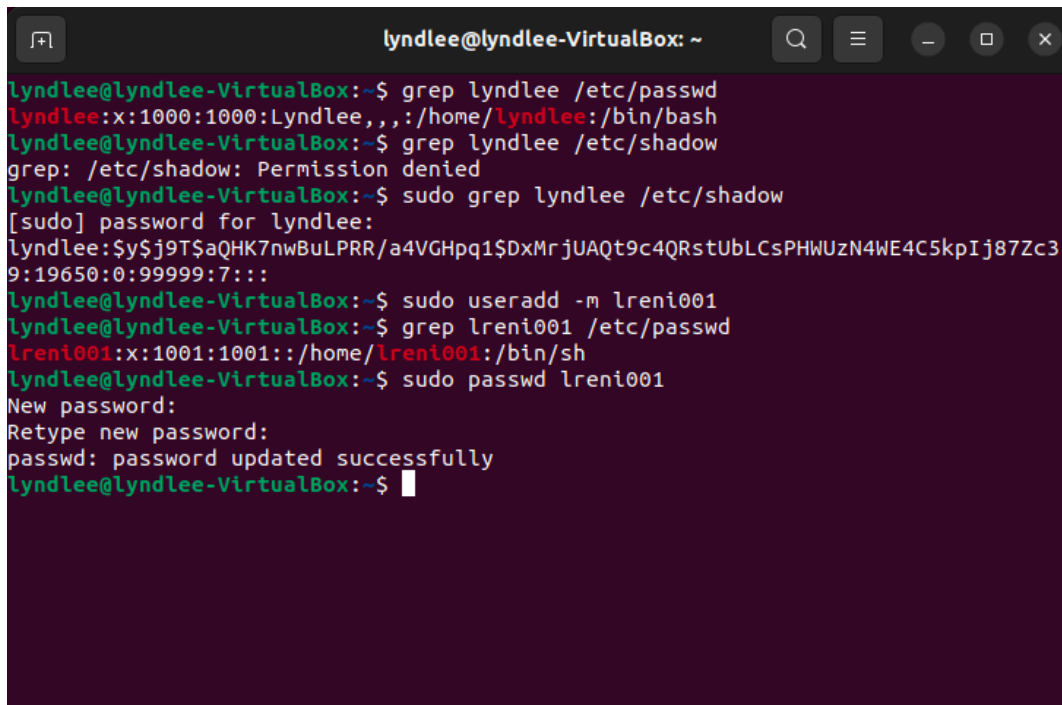
Step 3:



```
lyndlee@lyndlee-VirtualBox: ~  
lyndlee@lyndlee-VirtualBox:~$ grep lyndlee /etc/passwd  
lyndlee:x:1000:1000:Lyndlee,,,:/home/lyndlee:/bin/bash  
lyndlee@lyndlee-VirtualBox:~$ grep lyndlee /etc/shadow  
grep: /etc/shadow: Permission denied  
lyndlee@lyndlee-VirtualBox:~$ sudo grep lyndlee /etc/shadow  
[sudo] password for lyndlee:  
lyndlee:$y$j9T$aQHK7nwBuLPRR/a4VGHPq1$DxMrjUAQt9c4QRstUbLCsPHWUzN4WE4C5kpIj87Zc3  
9:19650:0:99999:7:::  
lyndlee@lyndlee-VirtualBox:~$ sudo useradd -m lreni001  
lyndlee@lyndlee-VirtualBox:~$ grep lreni001 /etc/passwd  
lreni001:x:1001:1001:./home/lreni001:/bin/sh  
lyndlee@lyndlee-VirtualBox:~$
```

Create a new user named xxxxx and explicitly use the option to create the home directory for this user

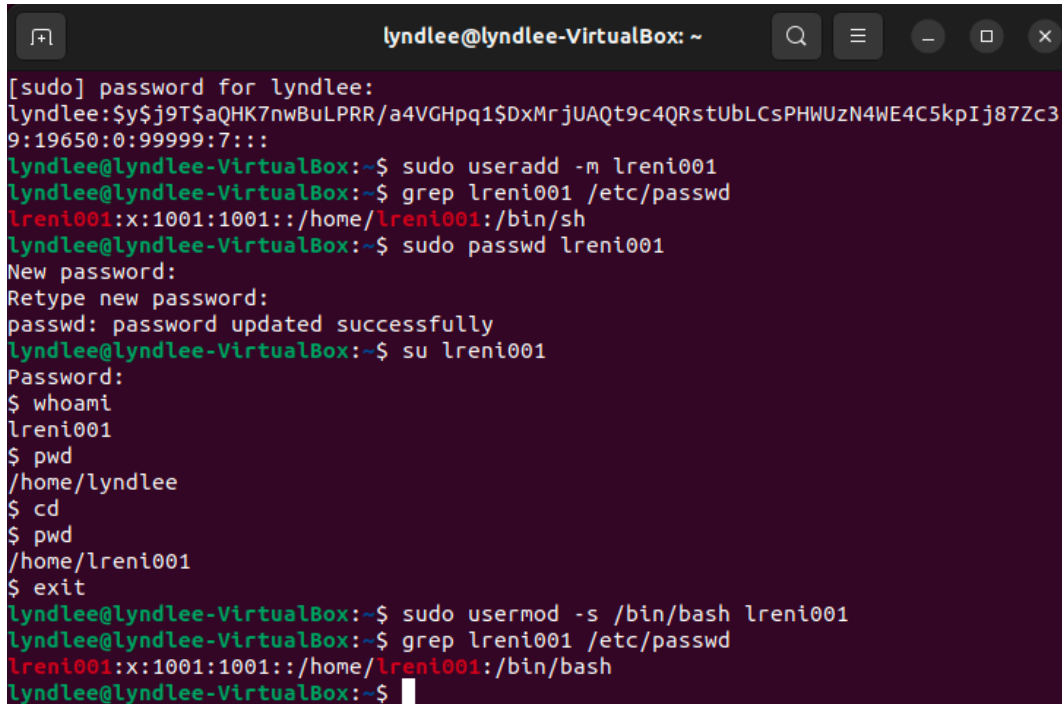
Step 4:

A terminal window titled 'lyndlee@lyndlee-VirtualBox: ~' with standard window controls. The terminal shows the following commands and output:

```
lyndlee@lyndlee-VirtualBox:~$ grep lyndlee /etc/passwd
lyndlee:x:1000:1000:Lyndlee,,,:/home/lyndlee:/bin/bash
lyndlee@lyndlee-VirtualBox:~$ grep lyndlee /etc/shadow
grep: /etc/shadow: Permission denied
lyndlee@lyndlee-VirtualBox:~$ sudo grep lyndlee /etc/shadow
[sudo] password for lyndlee:
lyndlee:$y$j9T$aQHK7nwBuLPRR/a4VGHpq1$DxMrjUAQt9c4QRstUblCsPHWUzN4WE4C5kpIj87Zc3
9:19650:0:99999:7:::
lyndlee@lyndlee-VirtualBox:~$ sudo useradd -m lreni001
lyndlee@lyndlee-VirtualBox:~$ grep lreni001 /etc/passwd
lreni001:x:1001:1001::/home/lreni001:/bin/sh
lyndlee@lyndlee-VirtualBox:~$ sudo passwd lreni001
New password:
Retype new password:
passwd: password updated successfully
lyndlee@lyndlee-VirtualBox:~$
```

Set a password for the new user

Step 5:



```
lyndlee@lyndlee-VirtualBox: ~  
[sudo] password for lyndlee:  
lyndlee:$y$j9T$aQHK7nwBuLPRR/a4VGHPq1$DxMrjUAQt9c4QRstUbLCsPHWUzN4WE4C5kpIj87Zc3  
9:19650:0:99999:7:::  
lyndlee@lyndlee-VirtualBox:~$ sudo useradd -m lreni001  
lyndlee@lyndlee-VirtualBox:~$ grep lreni001 /etc/passwd  
lreni001:x:1001:1001::/home/lreni001:/bin/sh  
lyndlee@lyndlee-VirtualBox:~$ sudo passwd lreni001  
New password:  
Retype new password:  
passwd: password updated successfully  
lyndlee@lyndlee-VirtualBox:~$ su lreni001  
Password:  
$ whoami  
lreni001  
$ pwd  
/home/lyndlee  
$ cd  
$ pwd  
/home/lreni001  
$ exit  
lyndlee@lyndlee-VirtualBox:~$ sudo usermod -s /bin/bash lreni001  
lyndlee@lyndlee-VirtualBox:~$ grep lreni001 /etc/passwd  
lreni001:x:1001:1001::/home/lreni001:/bin/bash  
lyndlee@lyndlee-VirtualBox:~$
```

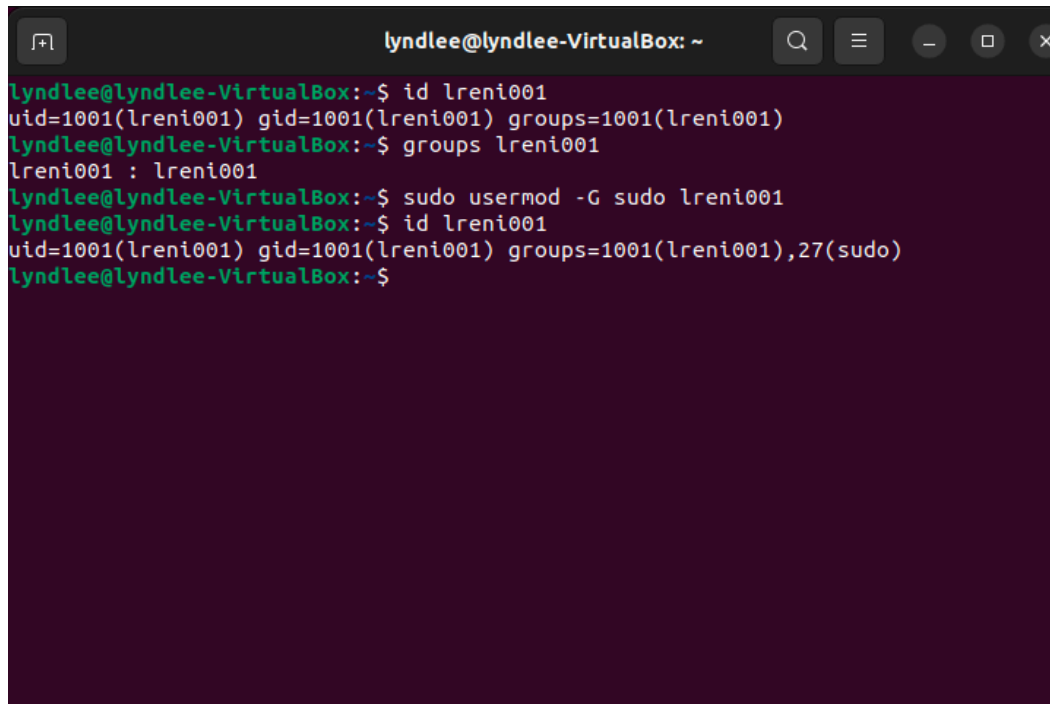
Set bash shell as the default login shell for the new user xxxxx, then verify the change

Step 6:

```
lyndlee@lyndlee-VirtualBox: ~  
lyndlee@lyndlee-VirtualBox:~$ su lreni001  
Password:  
$ whoami  
lreni001  
$ pwd  
/home/lyndlee  
$ cd  
$ pwd  
/home/lreni001  
$ exit  
lyndlee@lyndlee-VirtualBox:~$ sudo usermod -s /bin/bash lreni001  
lyndlee@lyndlee-VirtualBox:~$ grep lreni001 /etc/passwd  
lreni001:x:1001:1001::/home/lreni001:/bin/bash  
lyndlee@lyndlee-VirtualBox:~$ su lreni001  
Password:  
lreni001@lyndlee-VirtualBox:/home/lyndlee$ cd  
lreni001@lyndlee-VirtualBox:~$ exit  
exit  
lyndlee@lyndlee-VirtualBox:~$ grep lreni001 /etc/shadow  
grep: /etc/shadow: Permission denied  
lyndlee@lyndlee-VirtualBox:~$ sudo grep lreni001 /etc/shadow  
lreni001:$y$j9T$HYs2iSe20jH0QBxj7.Gcm.$FhB/ayT7LzVRYjLvXc8tJZo0mVuzJgRd/y0qzj30D  
l.:19660:0:99999:7:::  
lyndlee@lyndlee-VirtualBox:~$
```

Execute the correct command to display user password information (including the encrypted password and password aging) for the new user xxxxx using grep

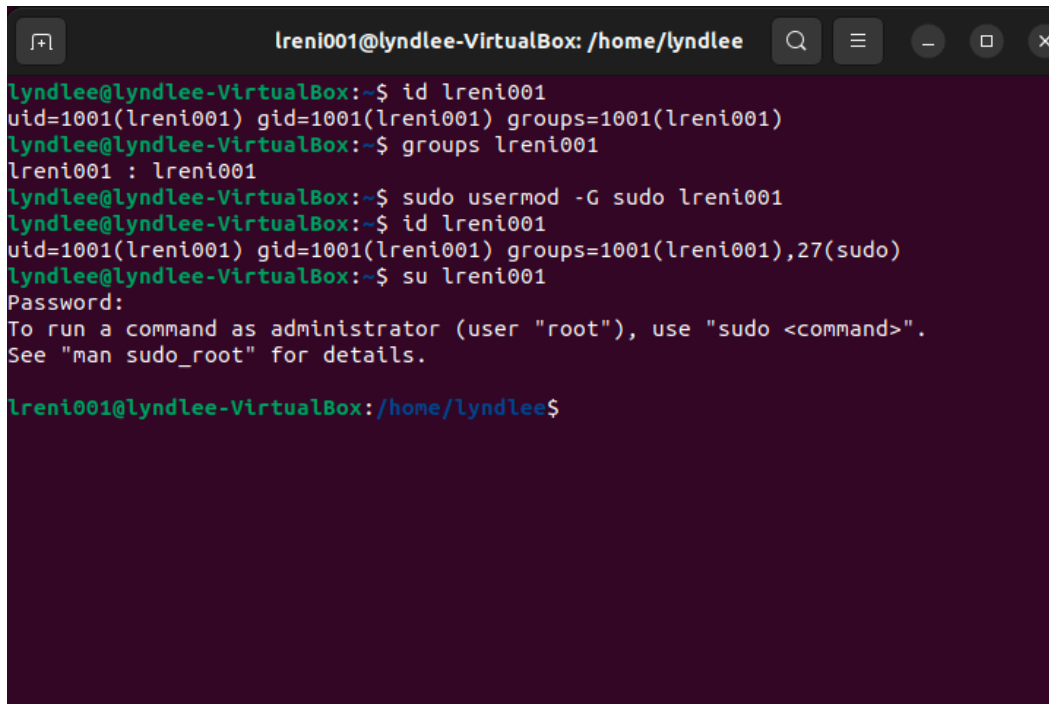
Step 7:

A terminal window titled 'lyndlee@lyndlee-VirtualBox: ~' with standard window controls. It shows a series of commands and their outputs: 'id lreni001' returns 'uid=1001(lreni001) gid=1001(lreni001) groups=1001(lreni001)'; 'groups lreni001' returns 'lreni001 : lreni001'; 'sudo usermod -G sudo lreni001' is executed; and a final 'id lreni001' returns 'uid=1001(lreni001) gid=1001(lreni001) groups=1001(lreni001),27(sudo)'.

```
lyndlee@lyndlee-VirtualBox:~$ id lreni001
uid=1001(lreni001) gid=1001(lreni001) groups=1001(lreni001)
lyndlee@lyndlee-VirtualBox:~$ groups lreni001
lreni001 : lreni001
lyndlee@lyndlee-VirtualBox:~$ sudo usermod -G sudo lreni001
lyndlee@lyndlee-VirtualBox:~$ id lreni001
uid=1001(lreni001) gid=1001(lreni001) groups=1001(lreni001),27(sudo)
lyndlee@lyndlee-VirtualBox:~$
```

Add the new user xxxxx to sudo group without overriding the existing group membership

Step 8:

A terminal window titled 'lreni001@lyndlee-VirtualBox: /home/lyndlee' with standard window controls. The terminal shows a series of commands and their outputs. First, 'id lreni001' is run, showing the user's identity. Then, 'groups lreni001' is run, showing the user's group. Next, 'sudo usermod -G sudo lreni001' is run to add the user to the sudo group. This is followed by another 'id lreni001' command, which now shows 'groups=1001(lreni001),27(sudo)'. Finally, 'su lreni001' is run, and the prompt changes to 'lreni001@lyndlee-VirtualBox: /home/lyndlee\$'.

```
lreni001@lyndlee-VirtualBox: /home/lyndlee
lyndlee@lyndlee-VirtualBox:~$ id lreni001
uid=1001(lreni001) gid=1001(lreni001) groups=1001(lreni001)
lyndlee@lyndlee-VirtualBox:~$ groups lreni001
lreni001 : lreni001
lyndlee@lyndlee-VirtualBox:~$ sudo usermod -G sudo lreni001
lyndlee@lyndlee-VirtualBox:~$ id lreni001
uid=1001(lreni001) gid=1001(lreni001) groups=1001(lreni001),27(sudo)
lyndlee@lyndlee-VirtualBox:~$ su lreni001
Password:
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

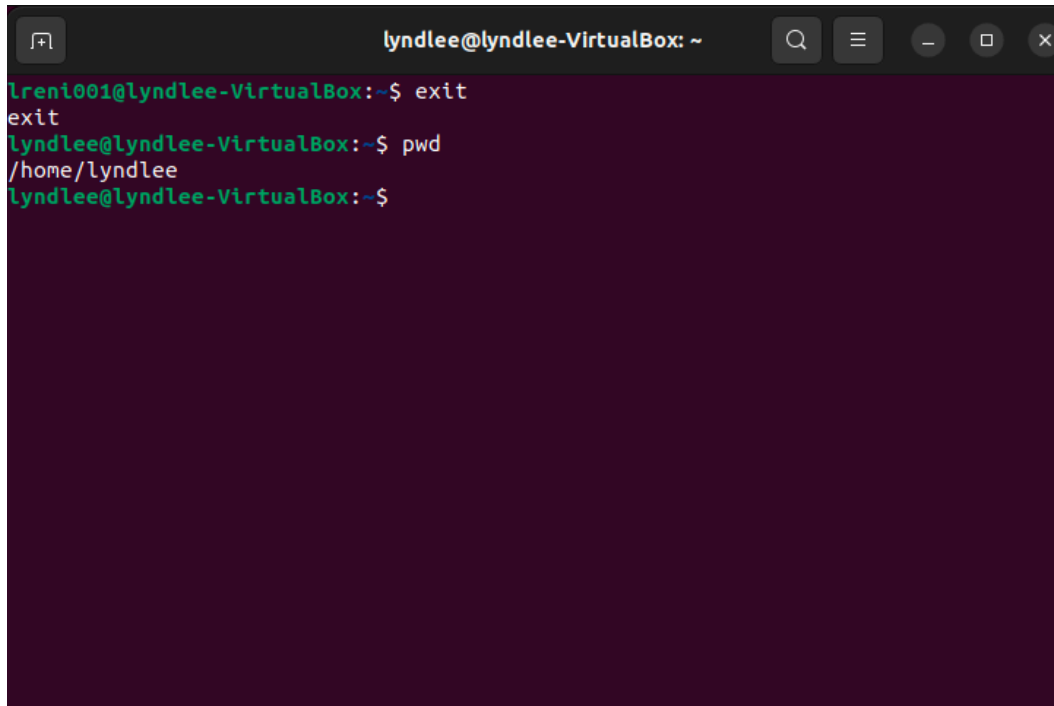
lreni001@lyndlee-VirtualBox: /home/lyndlee$
```

Switch to the new user's account



## TASK B

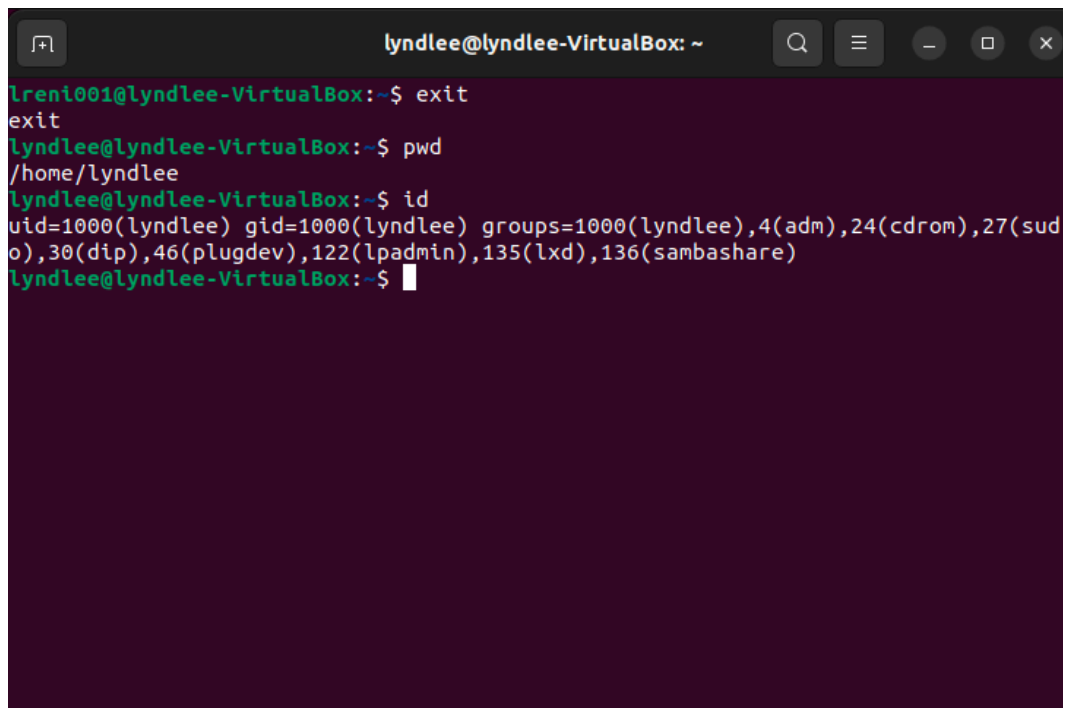
Step 1:

A terminal window titled 'lyndlee@lyndlee-VirtualBox: ~' with standard window controls. The terminal shows a sequence of commands and their outputs: 'lreni001@lyndlee-VirtualBox:~\$ exit' followed by 'exit' on the next line, then 'lyndlee@lyndlee-VirtualBox:~\$ pwd' followed by '/home/lyndlee' on the next line, and finally 'lyndlee@lyndlee-VirtualBox:~\$' on the last line.

```
lreni001@lyndlee-VirtualBox:~$ exit
exit
lyndlee@lyndlee-VirtualBox:~$ pwd
/home/lyndlee
lyndlee@lyndlee-VirtualBox:~$
```

Return to your home directory and determine the shell you are using

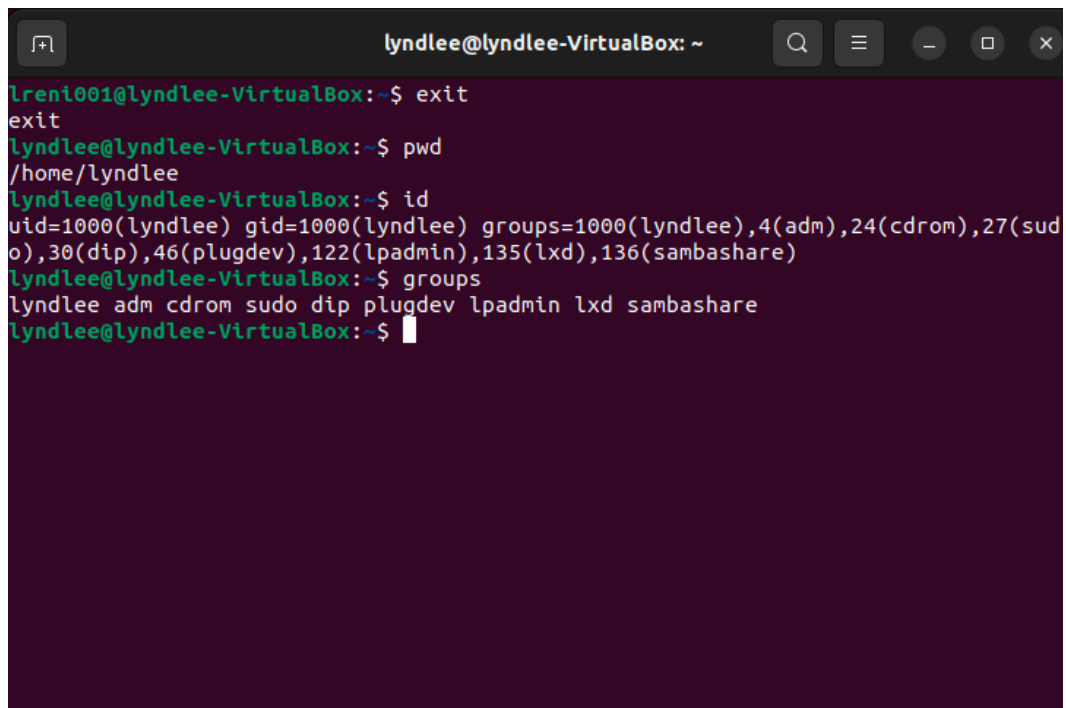
Step 2:

A terminal window titled 'lyndlee@lyndlee-VirtualBox: ~' with standard window controls. The terminal shows a sequence of commands and their outputs: 'exit' is entered, followed by 'exit' on a new line. Then 'pwd' is entered, outputting '/home/lyndlee'. Finally, 'id' is entered, outputting 'uid=1000(lyndlee) gid=1000(lyndlee) groups=1000(lyndlee),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),122(lpadmin),135(lxd),136(sambashare)'. The prompt returns to 'lyndlee@lyndlee-VirtualBox:~\$' with a cursor.

```
lyndlee@lyndlee-VirtualBox:~$ exit
exit
lyndlee@lyndlee-VirtualBox:~$ pwd
/home/lyndlee
lyndlee@lyndlee-VirtualBox:~$ id
uid=1000(lyndlee) gid=1000(lyndlee) groups=1000(lyndlee),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),122(lpadmin),135(lxd),136(sambashare)
lyndlee@lyndlee-VirtualBox:~$
```

Display the current user's ID and group membership

Step 3:

A terminal window titled 'lyndlee@lyndlee-VirtualBox: ~' with standard window controls. The terminal shows a sequence of commands and their outputs: 'exit' is entered and exits the shell; 'pwd' returns '/home/lyndlee'; 'id' displays the user's identity and group memberships; 'groups' lists the groups the user belongs to. The terminal text is as follows:

```
lyndlee@lyndlee-VirtualBox:~$ exit
exit
lyndlee@lyndlee-VirtualBox:~$ pwd
/home/lyndlee
lyndlee@lyndlee-VirtualBox:~$ id
uid=1000(lyndlee) gid=1000(lyndlee) groups=1000(lyndlee),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),122(lpadmin),135(lxd),136(sambashare)
lyndlee@lyndlee-VirtualBox:~$ groups
lyndlee adm cdrom sudo dip plugdev lpadmin lxd sambashare
lyndlee@lyndlee-VirtualBox:~$
```

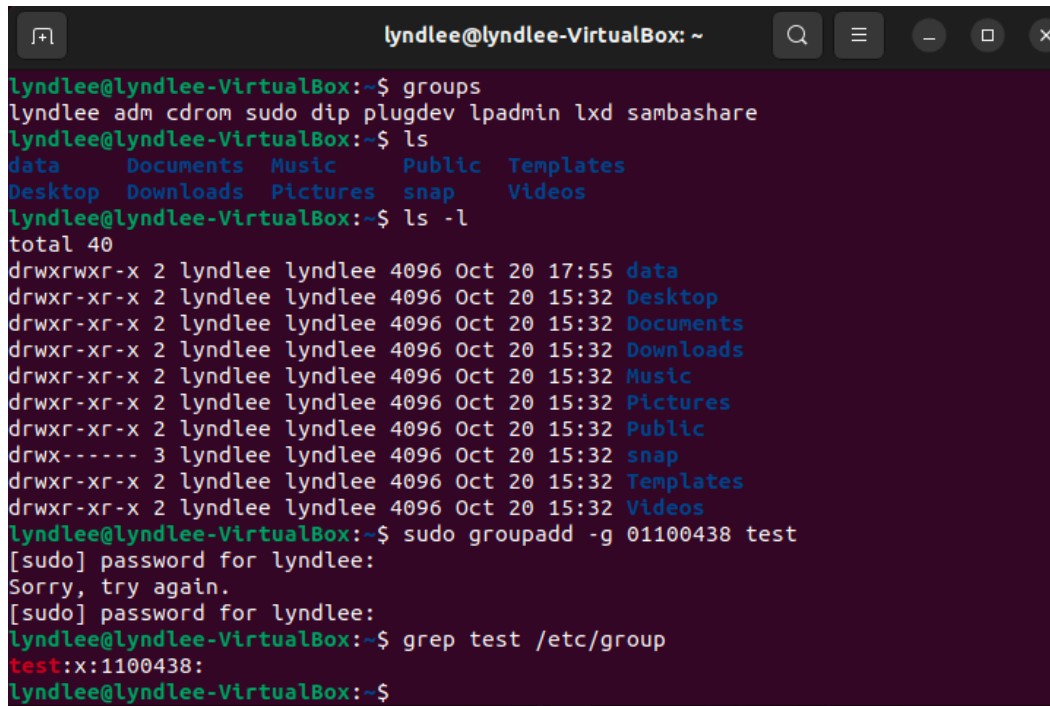
Display the group membership of the root account

Step 4:

```
lyndlee@lyndlee-VirtualBox: ~  
exit  
lyndlee@lyndlee-VirtualBox:~$ pwd  
/home/lyndlee  
lyndlee@lyndlee-VirtualBox:~$ id  
uid=1000(lyndlee) gid=1000(lyndlee) groups=1000(lyndlee),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),122(lpadmin),135(lxd),136(sambashare)  
lyndlee@lyndlee-VirtualBox:~$ groups  
lyndlee adm cdrom sudo dip plugdev lpadmin lxd sambashare  
lyndlee@lyndlee-VirtualBox:~$ ls  
data Documents Music Public Templates  
Desktop Downloads Pictures snap Videos  
lyndlee@lyndlee-VirtualBox:~$ ls -l  
total 40  
drwxrwxr-x 2 lyndlee lyndlee 4096 Oct 20 17:55 data  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Desktop  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Documents  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Downloads  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Music  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Pictures  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Public  
drwx----- 3 lyndlee lyndlee 4096 Oct 20 15:32 snap  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Templates  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Videos  
lyndlee@lyndlee-VirtualBox:~$
```

Run the correct command to determine the user owner and group owner of the /etc/group file

Step 5 and 6:

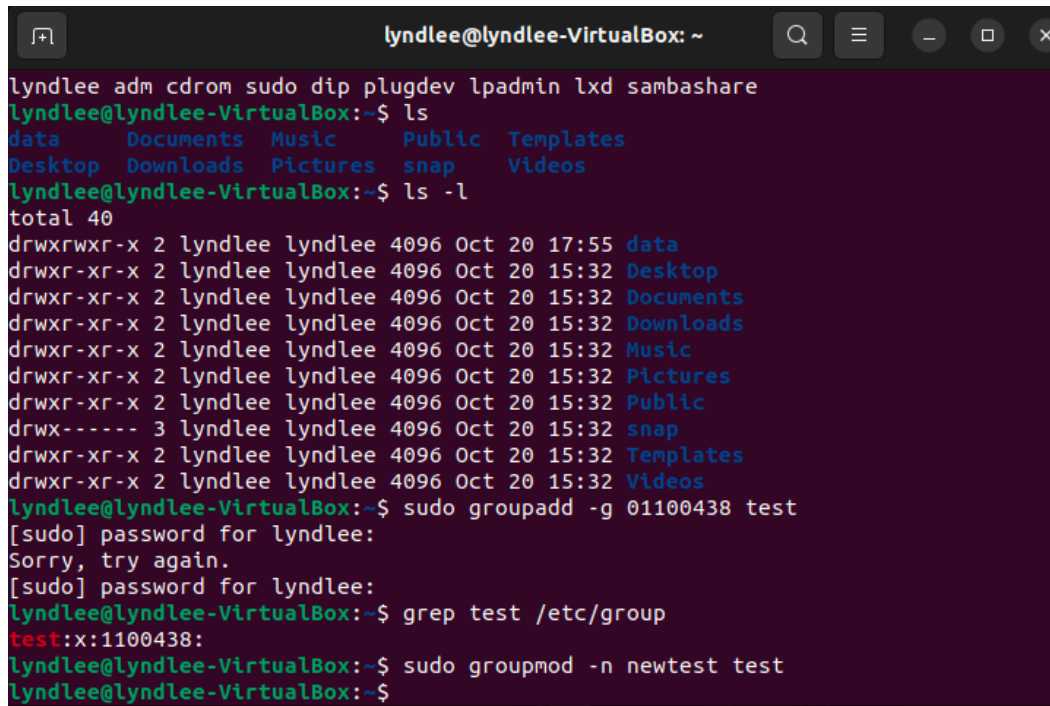


```
lyndlee@lyndlee-VirtualBox: ~  
lyndlee@lyndlee-VirtualBox:~$ groups  
lyndlee adm cdrom sudo dip plugdev lpadmin lxd sambashare  
lyndlee@lyndlee-VirtualBox:~$ ls  
data      Documents Music      Public  Templates  
Desktop  Downloads Pictures  snap    Videos  
lyndlee@lyndlee-VirtualBox:~$ ls -l  
total 40  
drwxrwxr-x 2 lyndlee lyndlee 4096 Oct 20 17:55 data  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Desktop  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Documents  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Downloads  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Music  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Pictures  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Public  
drwx----- 3 lyndlee lyndlee 4096 Oct 20 15:32 snap  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Templates  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Videos  
lyndlee@lyndlee-VirtualBox:~$ sudo groupadd -g 01100438 test  
[sudo] password for lyndlee:  
Sorry, try again.  
[sudo] password for lyndlee:  
lyndlee@lyndlee-VirtualBox:~$ grep test /etc/group  
test:x:1100438:  
lyndlee@lyndlee-VirtualBox:~$
```

Create a new group named test and use your UIN as the GID

Display the group account information for the test group using grep

Step 7:



```
lyndlee@lyndlee-VirtualBox: ~
lyndlee adm cdrom sudo dip plugdev lpadmin lxd sambashare
lyndlee@lyndlee-VirtualBox:~$ ls
data  Documents  Music      Public  Templates
Desktop  Downloads  Pictures  snap    Videos
lyndlee@lyndlee-VirtualBox:~$ ls -l
total 40
drwxrwxr-x 2 lyndlee lyndlee 4096 Oct 20 17:55 data
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Desktop
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Documents
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Downloads
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Music
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Pictures
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Public
drwx----- 3 lyndlee lyndlee 4096 Oct 20 15:32 snap
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Templates
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Videos
lyndlee@lyndlee-VirtualBox:~$ sudo groupadd -g 01100438 test
[sudo] password for lyndlee:
Sorry, try again.
[sudo] password for lyndlee:
lyndlee@lyndlee-VirtualBox:~$ grep test /etc/group
test:x:1100438:
lyndlee@lyndlee-VirtualBox:~$ sudo groupmod -n newtest test
lyndlee@lyndlee-VirtualBox:~$
```

Change the group name of the test group to newtest

Step 8:

```
lyndlee@lyndlee-VirtualBox: ~  
data  Documents  Music  Public  Templates  
Desktop Downloads Pictures snap  Videos  
lyndlee@lyndlee-VirtualBox:~$ ls -l  
total 40  
drwxrwxr-x 2 lyndlee lyndlee 4096 Oct 20 17:55 data  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Desktop  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Documents  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Downloads  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Music  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Pictures  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Public  
drwx----- 3 lyndlee lyndlee 4096 Oct 20 15:32 snap  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Templates  
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Videos  
lyndlee@lyndlee-VirtualBox:~$ sudo groupadd -g 01100438 test  
[sudo] password for lyndlee:  
Sorry, try again.  
[sudo] password for lyndlee:  
lyndlee@lyndlee-VirtualBox:~$ grep test /etc/group  
test:x:1100438:  
lyndlee@lyndlee-VirtualBox:~$ sudo groupmod -n newtest test  
lyndlee@lyndlee-VirtualBox:~$ sudo usermod -aG newtest lreni001  
lyndlee@lyndlee-VirtualBox:~$ sudo usermod -aG newtest lyndlee  
lyndlee@lyndlee-VirtualBox:~$
```

Add the current account (xxxxx) as a secondary member of the newtest group without overriding this user's current group membership

Step 9 and 10:

```
lee@lyndlee-VirtualBox:~$ sudo usermod -aG newtest lyndlee
lee@lyndlee-VirtualBox:~$ touch testfile
lee@lyndlee-VirtualBox:~$ ls -l
total 40
-rwxr-x 2 lyndlee lyndlee 4096 Oct 20 17:55 data
-r-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Desktop
-r-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Documents
-r-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Downloads
-r-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Music
-r-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Pictures
-r-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Public
-r----- 3 lyndlee lyndlee 4096 Oct 20 15:32 snap
-r-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Templates
-rw-r-- 1 lyndlee lyndlee 0 Oct 30 16:00 testfile
-r-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Videos
lee@lyndlee-VirtualBox:~$ ls -l testfile
-rw-r-- 1 lyndlee lyndlee 0 Oct 30 16:00 testfile
lee@lyndlee-VirtualBox:~$ chgrp newtest testfile
p: changing group of 'testfile': Operation not permitted
lee@lyndlee-VirtualBox:~$ sudo chgrp newtest testfile
[s] password for lyndlee:
lee@lyndlee-VirtualBox:~$ ls -l testfile
-rw-r-- 1 lyndlee newtest 0 Oct 30 16:00 testfile
lee@lyndlee-VirtualBox:~$
```

Create a new file testfile in the account's home directory, then change the group owner to newtest

Display the user owner and group owner information of the file testfile



Step 11:

```
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Desktop
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Documents
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Downloads
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Music
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Pictures
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Public
drwx----- 3 lyndlee lyndlee 4096 Oct 20 15:32 snap
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Templates
-rw-rw-r-- 1 lyndlee lyndlee 0 Oct 30 16:00 testfile
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Videos
lyndlee@lyndlee-VirtualBox:~$ ls -l testfile
-rw-rw-r-- 1 lyndlee lyndlee 0 Oct 30 16:00 testfile
lyndlee@lyndlee-VirtualBox:~$ chgrp newtest testfile
chgrp: changing group of 'testfile': Operation not permitted
lyndlee@lyndlee-VirtualBox:~$ sudo chgrp newtest testfile
[sudo] password for lyndlee:
lyndlee@lyndlee-VirtualBox:~$ ls -l testfile
-rw-rw-r-- 1 lyndlee newtest 0 Oct 30 16:00 testfile
lyndlee@lyndlee-VirtualBox:~$ sudo groupdel newtest
lyndlee@lyndlee-VirtualBox:~$ ls -l newtest
ls: cannot access 'newtest': No such file or directory
lyndlee@lyndlee-VirtualBox:~$ ls -l testfile
-rw-rw-r-- 1 lyndlee 1100438 0 Oct 30 16:00 testfile
lyndlee@lyndlee-VirtualBox:~$
```

Delete the newtest group, then repeat the previous step. What do you find?

Step 12:

```
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Downloads
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Music
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Pictures
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Public
drwx----- 3 lyndlee lyndlee 4096 Oct 20 15:32 snap
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Templates
-rw-rw-r-- 1 lyndlee lyndlee 0 Oct 30 16:00 testfile
drwxr-xr-x 2 lyndlee lyndlee 4096 Oct 20 15:32 Videos
lyndlee@lyndlee-VirtualBox:~$ ls -l testfile
-rw-rw-r-- 1 lyndlee lyndlee 0 Oct 30 16:00 testfile
lyndlee@lyndlee-VirtualBox:~$ chgrp newtest testfile
chgrp: changing group of 'testfile': Operation not permitted
lyndlee@lyndlee-VirtualBox:~$ sudo chgrp newtest testfile
[sudo] password for lyndlee:
lyndlee@lyndlee-VirtualBox:~$ ls -l testfile
-rw-rw-r-- 1 lyndlee newtest 0 Oct 30 16:00 testfile
lyndlee@lyndlee-VirtualBox:~$ sudo groupdel newtest
lyndlee@lyndlee-VirtualBox:~$ ls -l newtest
ls: cannot access 'newtest': No such file or directory
lyndlee@lyndlee-VirtualBox:~$ ls -l testfile
-rw-rw-r-- 1 lyndlee 1100438 0 Oct 30 16:00 testfile
lyndlee@lyndlee-VirtualBox:~$ sudo userdel -r lreni001
userdel: lreni001 mail spool (/var/mail/lreni001) not found
lyndlee@lyndlee-VirtualBox:~$
```

Delete the user xxxxx along with the home directory using a single command

