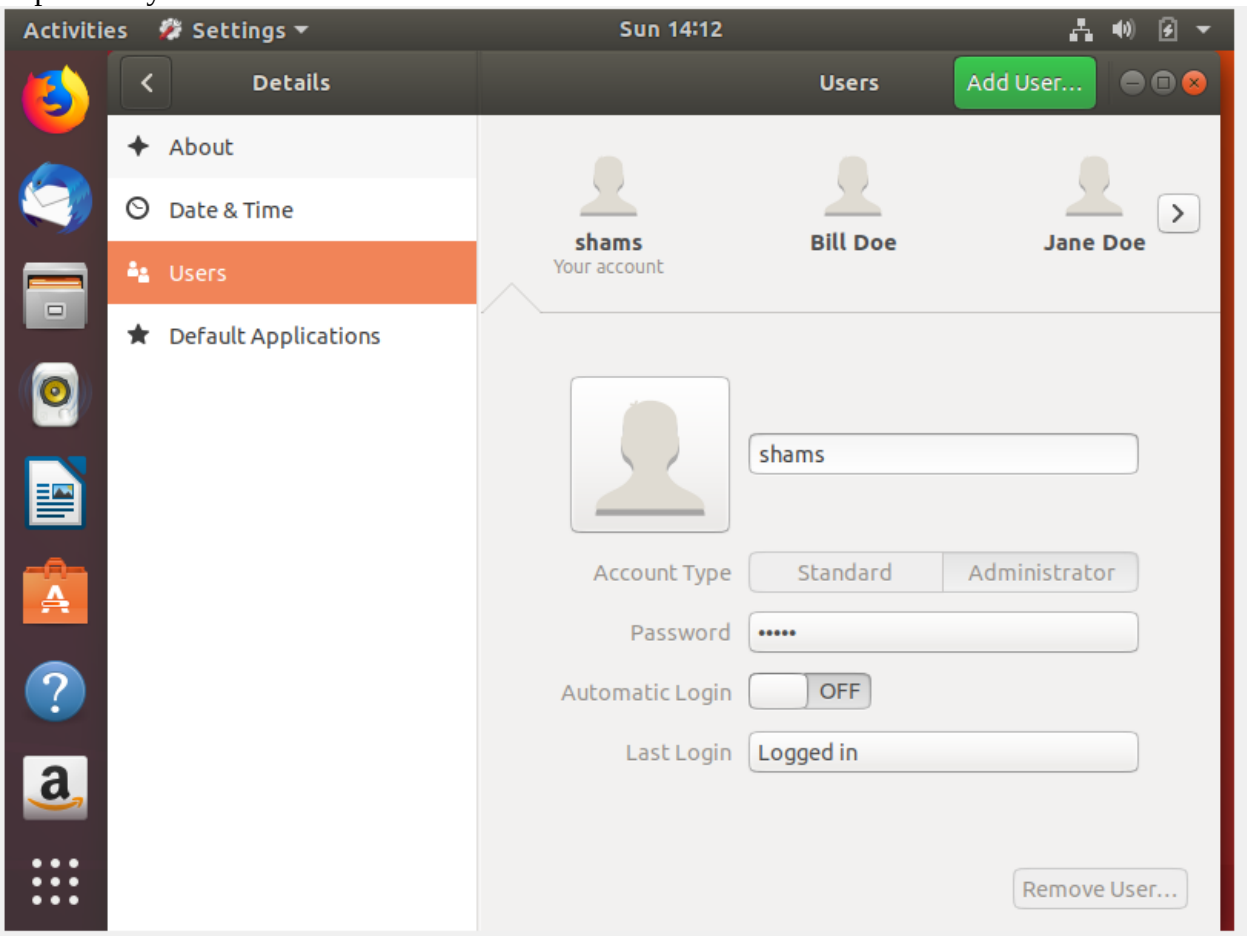
Anjum Shams
CIS-1450-NET01

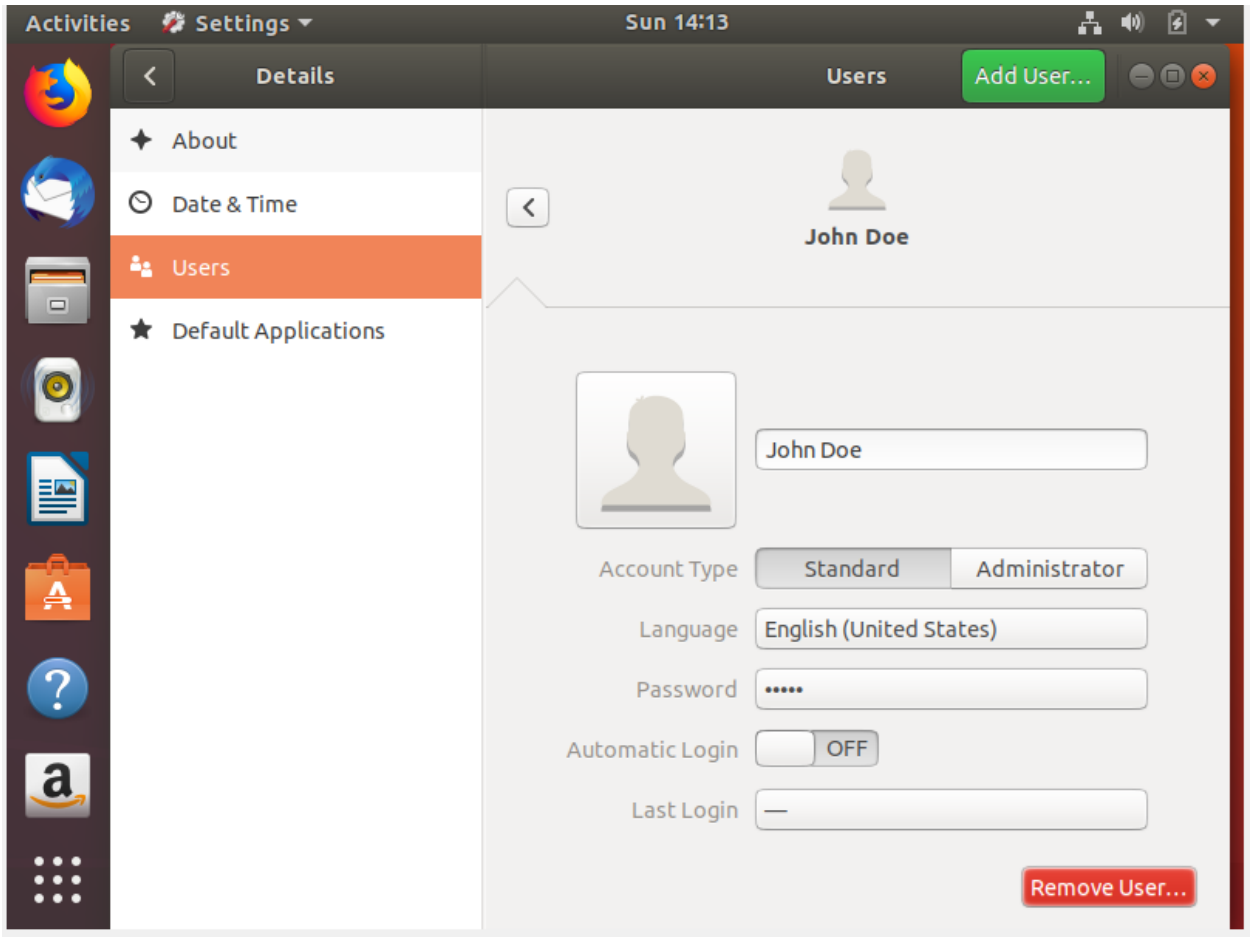
Assignment

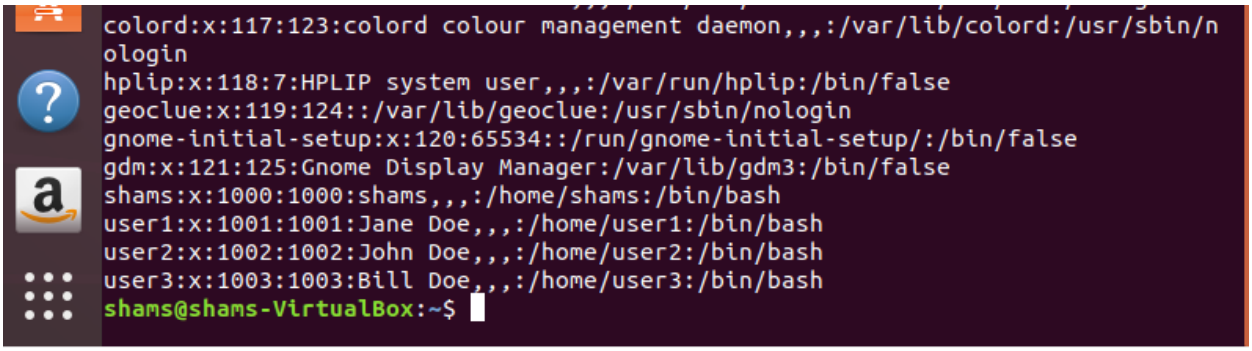
Activity

In the following questions, the assumption is that you have the superuser access.

Question
Using the Linux System Setting Icon, select User Account to create three Linux login ids for three users (make them up). Don't forget to put a password on each user. When you have completed the task, take a screenshot of the GIU display with the three ids listed on the GUI box as proof of your work.

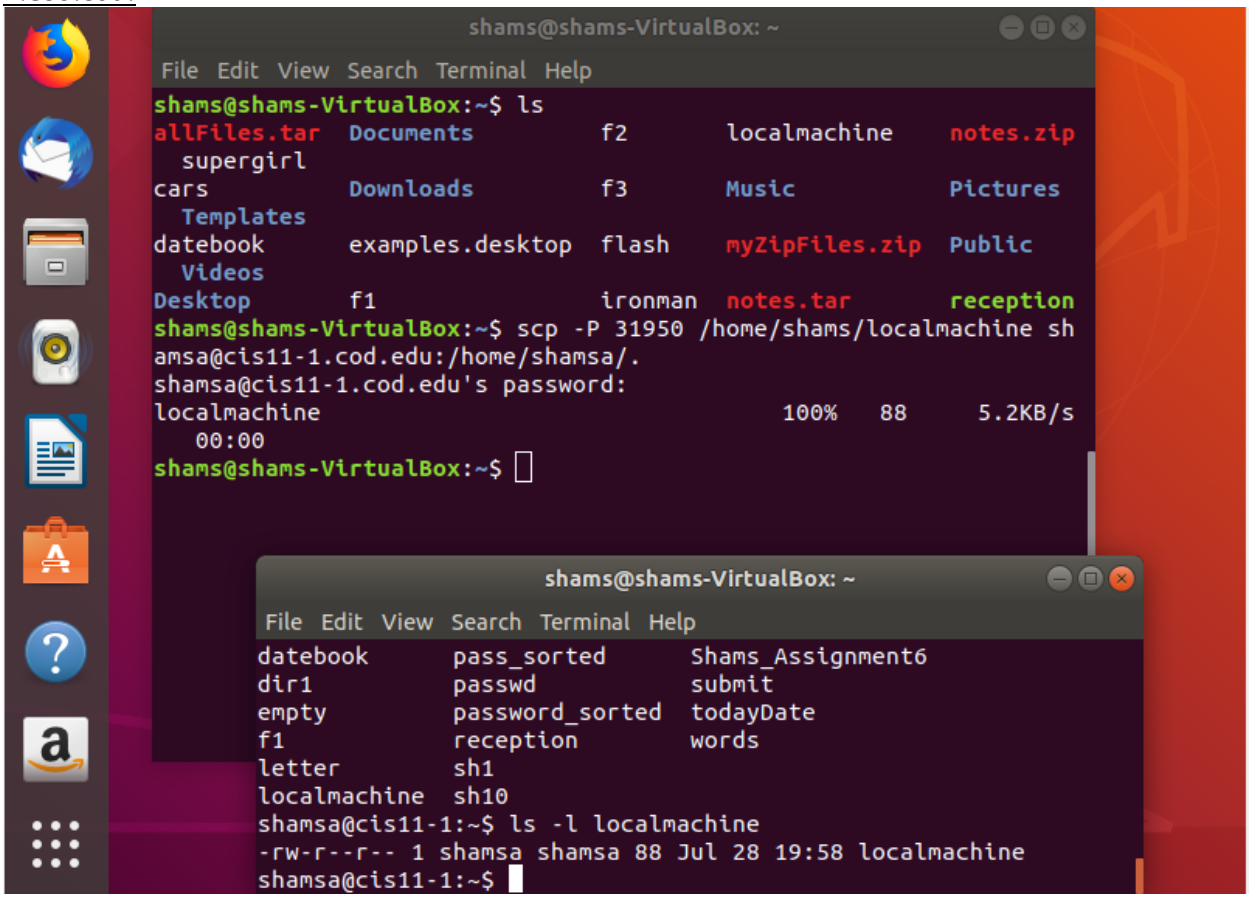



Activities
Settings
Sun 14:13
Details
Users
Add User...
About
Date & Time
Users
Default Applications
John Doe
John Doe
Account Type
Standard
Administrator
Language
English (United States)
Password
Automatic Login
OFF
Last Login
Remove User...


colord:x:117:123:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
hplip:x:118:7:HPLIP system user,,,:/var/run/hplip:/bin/false
geoclue:x:119:124::/var/lib/geoclue:/usr/sbin/nologin
gnome-initial-setup:x:120:65534::/run/gnome-initial-setup/:/bin/false
gdm:x:121:125:Gnome Display Manager:/var/lib/gdm3:/bin/false
shams:x:1000:1000:shams,,,:/home/shams:/bin/bash
user1:x:1001:1001:Jane Doe,,,:/home/user1:/bin/bash
user2:x:1002:1002:John Doe,,,:/home/user2:/bin/bash
user3:x:1003:1003:Bill Doe,,,:/home/user3:/bin/bash
shams@shams-VirtualBox:~$

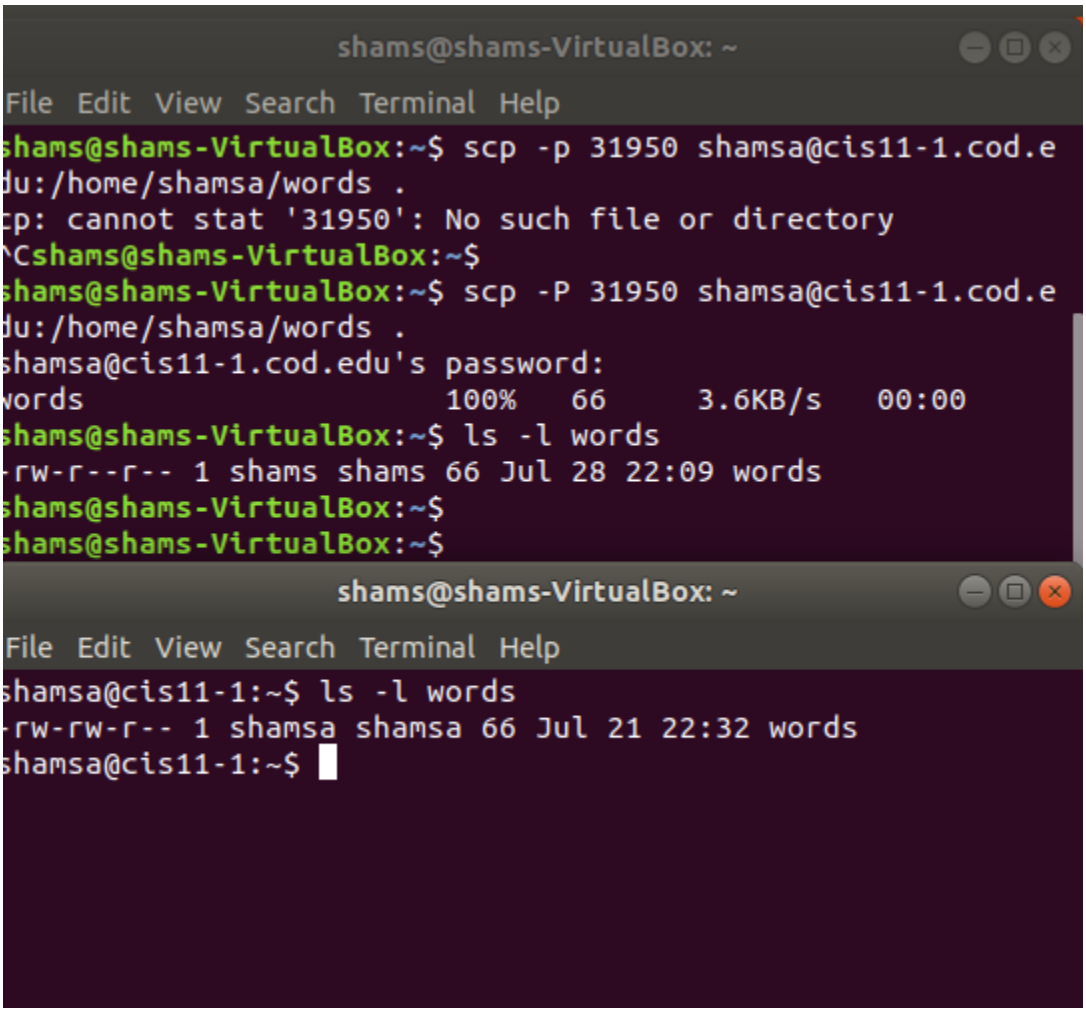
Question

Demonstrate how to transfer/upload a file from your local Linux server to server cis11-1.cod.edu.

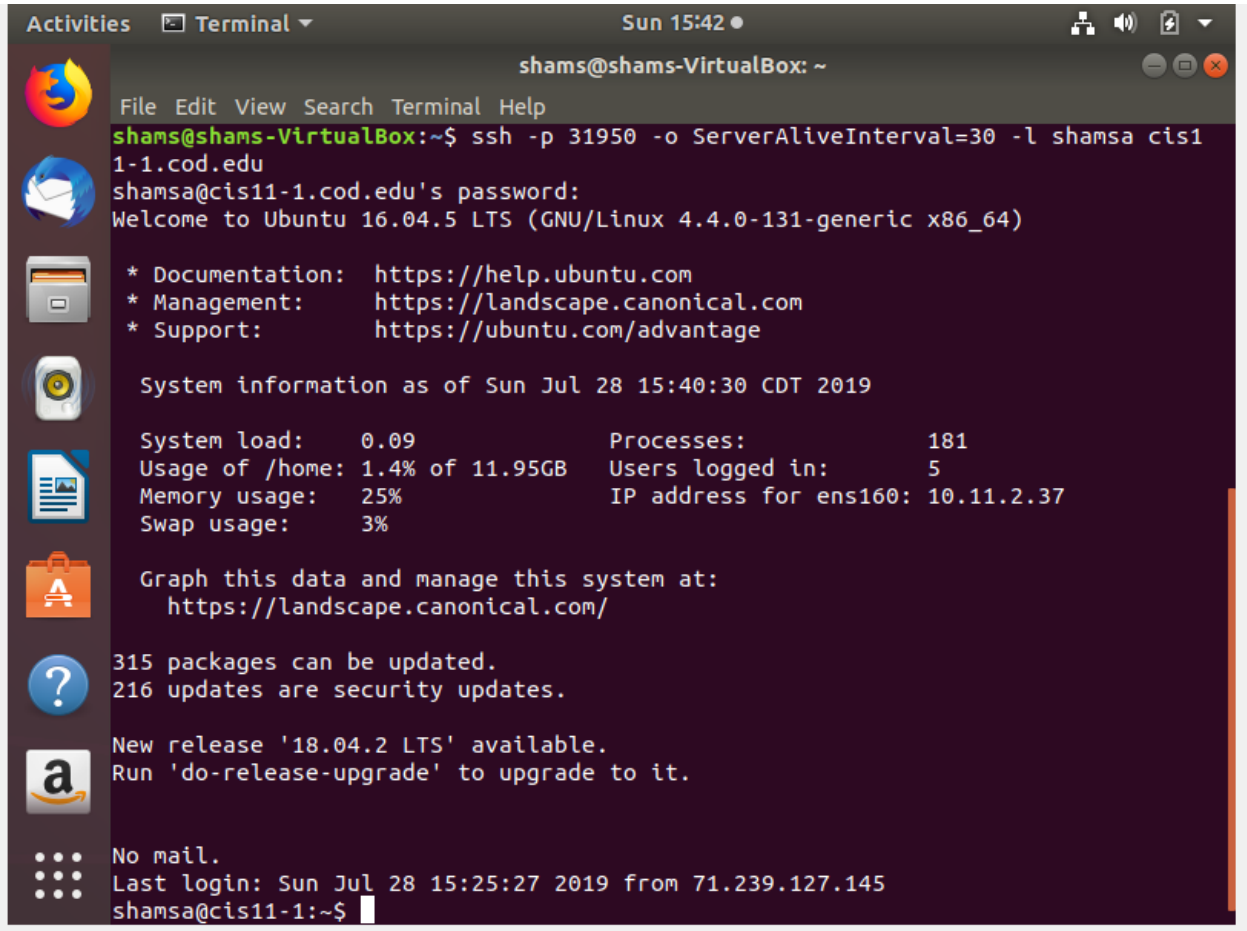


Question

Demonstrate how to download a file from server cis11-1.cod.edu to your local Linux server.

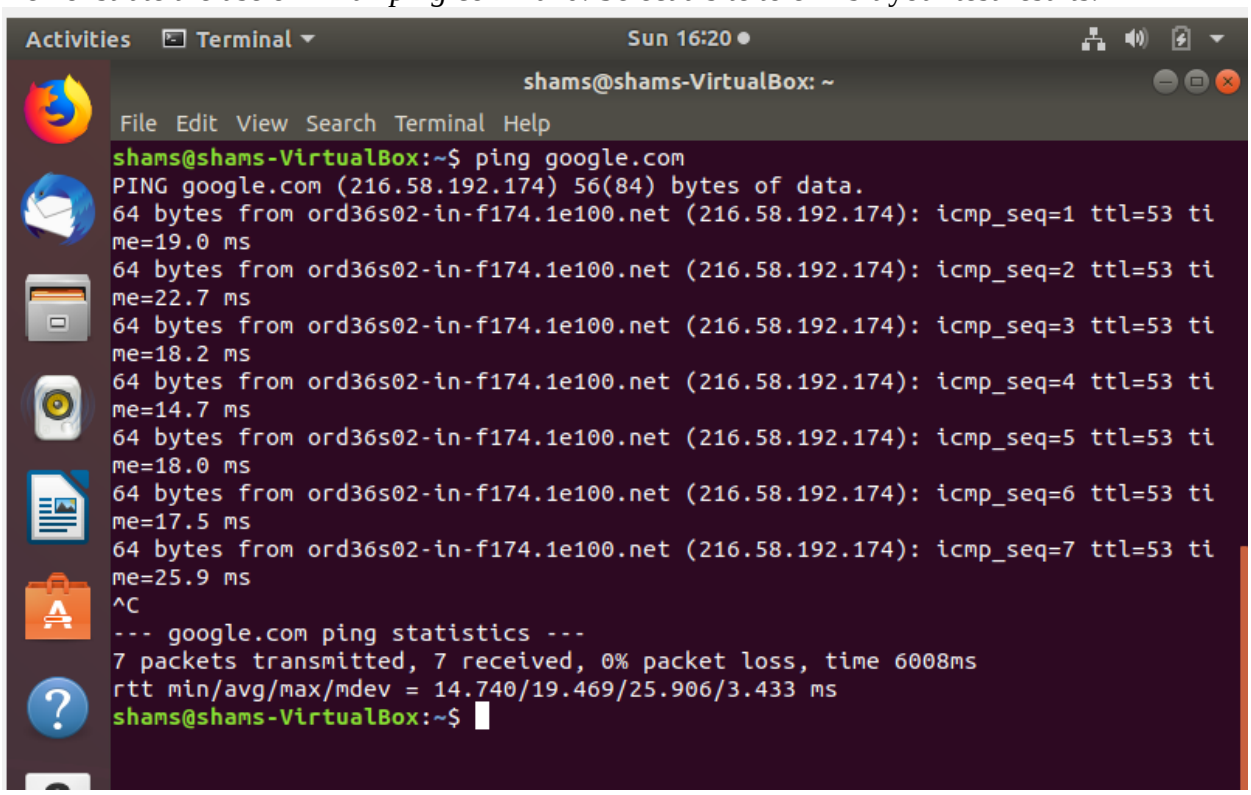


Question
Demonstrate how to remote login from your local Linux server to server cis11-1.cod.edu.



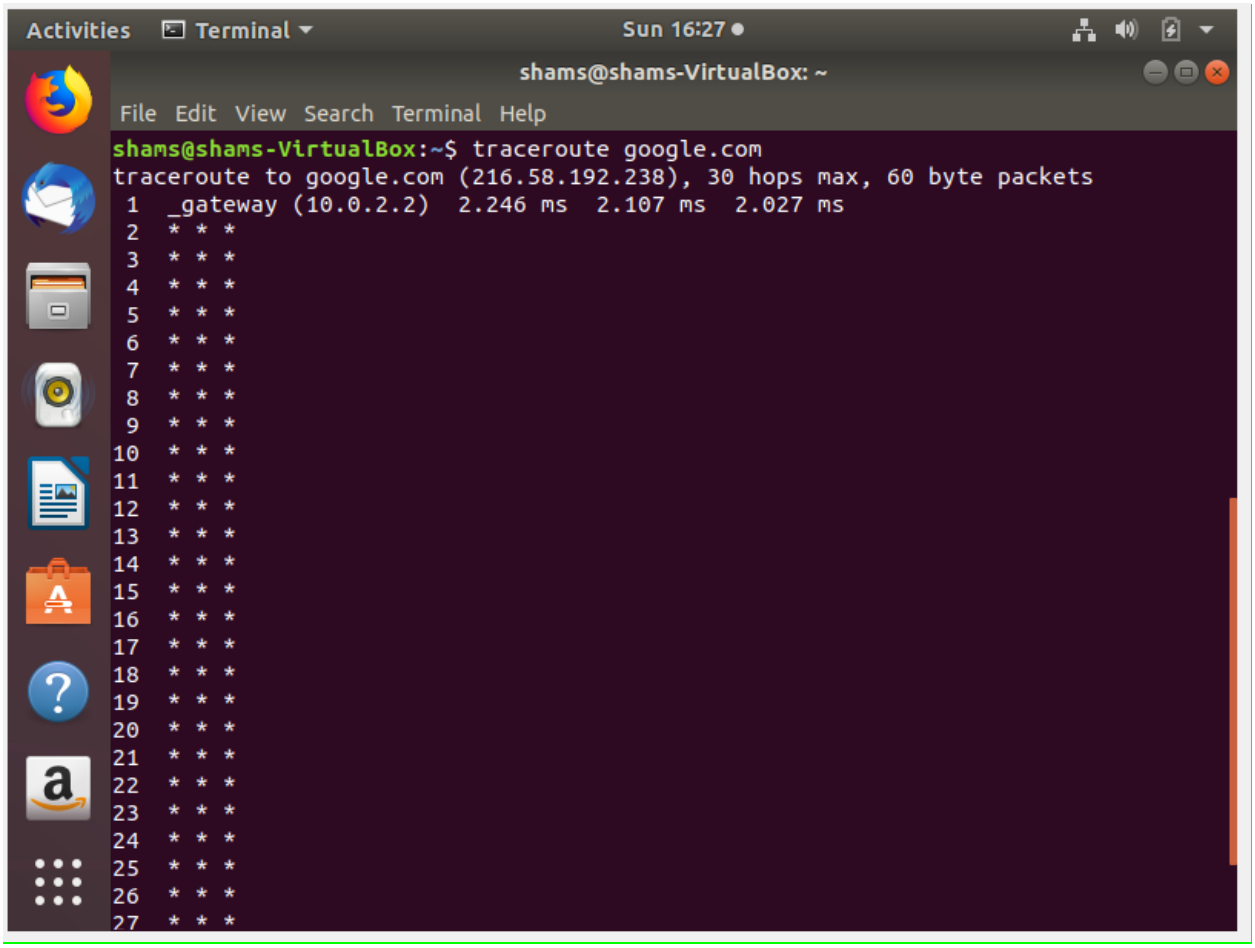
Question

Demonstrate the use of Linux *ping* command. Select a site to exhibit your test results.



Question #7
Demonstrate the use of Linux *traceroute* command. Select a site to exhibit your test result. Explain briefly what the display implies.

Answer: Traceroute command traces the path to the destination site. It gives the details about different routers in the path to the destination.
Note: Eventhough I installed traceroute it is not giving me the details of different routers in the path to the destination.



Question

Using the Linux *useradd* command, add the following two users to your local server:

id=ironman, owner=Robert Dowey, shell=bash

id=supergirl, owner=Melissa Benoist, shell=bash

After you have completed adding the above users, execute the following command:

tail -5 /etc/passwd

ls /home

```
root@shams-VirtualBox:~# useradd -m ironman -c "Robert Dowe
y" -s /bin/bash
root@shams-VirtualBox:~# ls
root@shams-VirtualBox:~# useradd -m supergirl -c "Melissa B
enoist" -s /bin/bash
root@shams-VirtualBox:~# tail -5 /etc/passwd
user1:x:1001:1001:Jane Doe,,,:/home/user1:/bin/bash
user2:x:1002:1002:John Doe,,,:/home/user2:/bin/bash
user3:x:1003:1003:Bill Doe,,,:/home/user3:/bin/bash
ironman:x:1004:1004:Robert Dowey:/home/ironman:/bin/bash
supergirl:x:1005:1005:Melissa Benoist:/home/supergirl:/bin/
bash
root@shams-VirtualBox:~# ls /home
ironman  shams  supergirl  user1  user2  user3
root@shams-VirtualBox:~#
```

Question

Using the Linux *userdel* command, remove user batman from your local server.

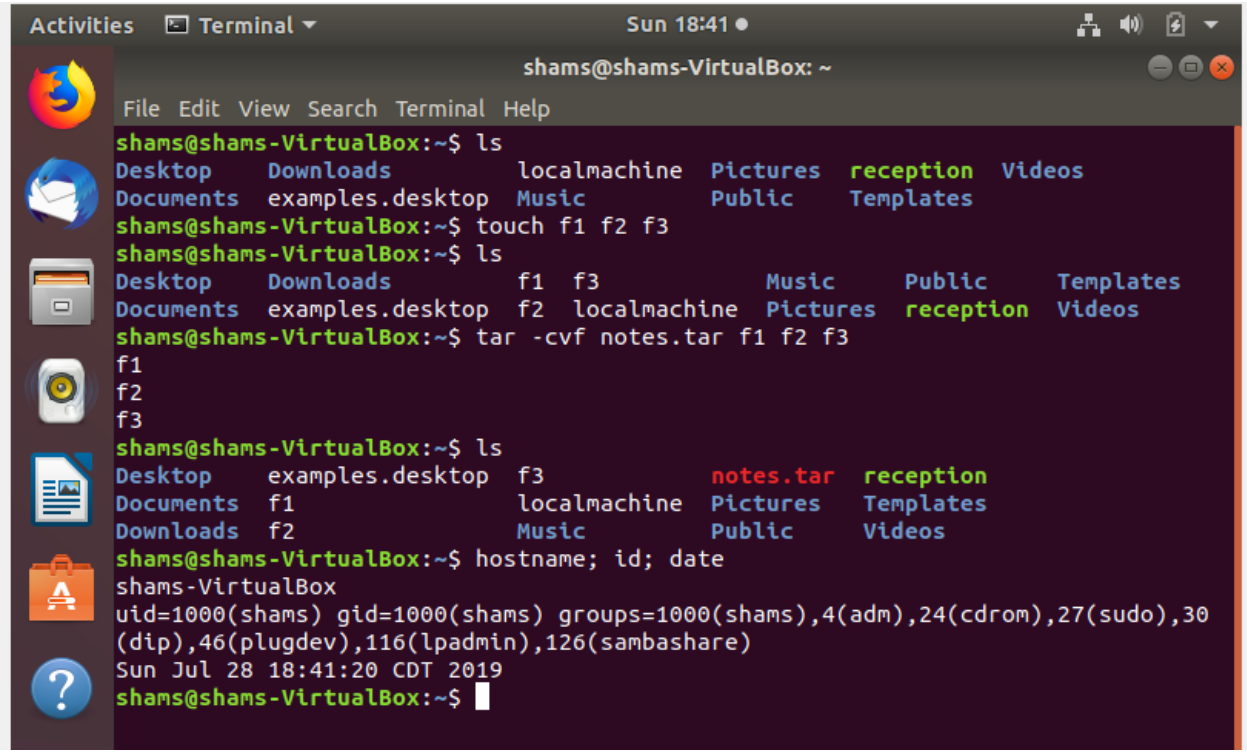
After you have completed removing the user, execute the following command:

tail -5 /etc/passwd

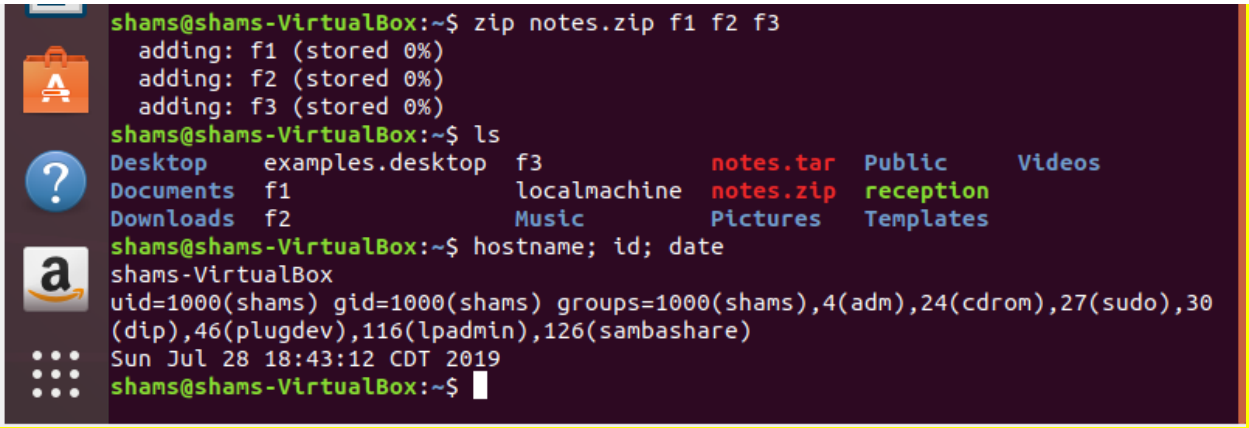
ls /home

```
root@shams-VirtualBox:~# ls /home
ironman  shams  supergirl  user1  user2  user3
root@shams-VirtualBox:~# userdel -r ironman
userdel: ironman mail spool (/var/mail/ironman) not found
root@shams-VirtualBox:~# ls /home
shams  supergirl  user1  user2  user3
root@shams-VirtualBox:~# tail -5 /etc/passwd
shams:x:1000:1000:shams,,,:/home/shams:/bin/bash
user1:x:1001:1001:Jane Doe,,,:/home/user1:/bin/bash
user2:x:1002:1002:John Doe,,,:/home/user2:/bin/bash
user3:x:1003:1003:Bill Doe,,,:/home/user3:/bin/bash
supergirl:x:1005:1005:Melissa Benoist:/home/supergirl:/bin/
bash
root@shams-VirtualBox:~#
```

Question
Create three empty files and call them f1, f2, and f3. Using the Linux *tar* command, compress all the three files and call the compressed file notes.tar. After you have completed the above tasks, execute the following command: *hostname; id; date*



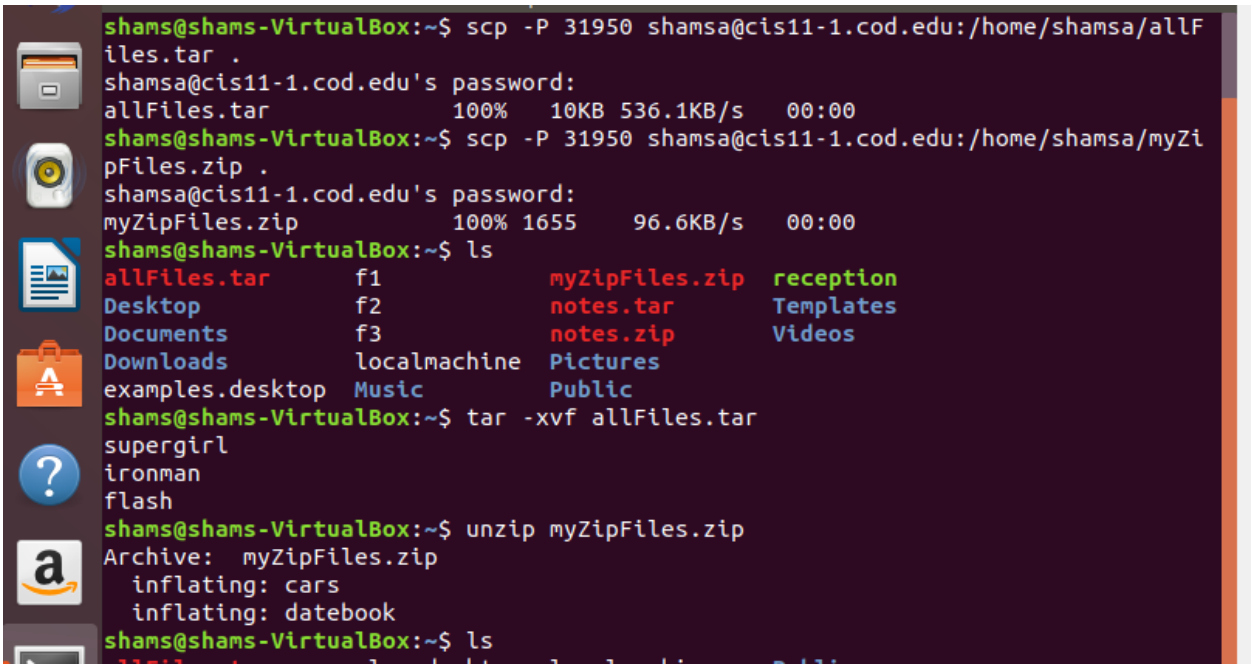
Question
Using the Linux *zip* command, compress all the three files created earlier and call the compressed file notes.zip. After you have completed the above tasks, execute the following command: *hostname; id; date*

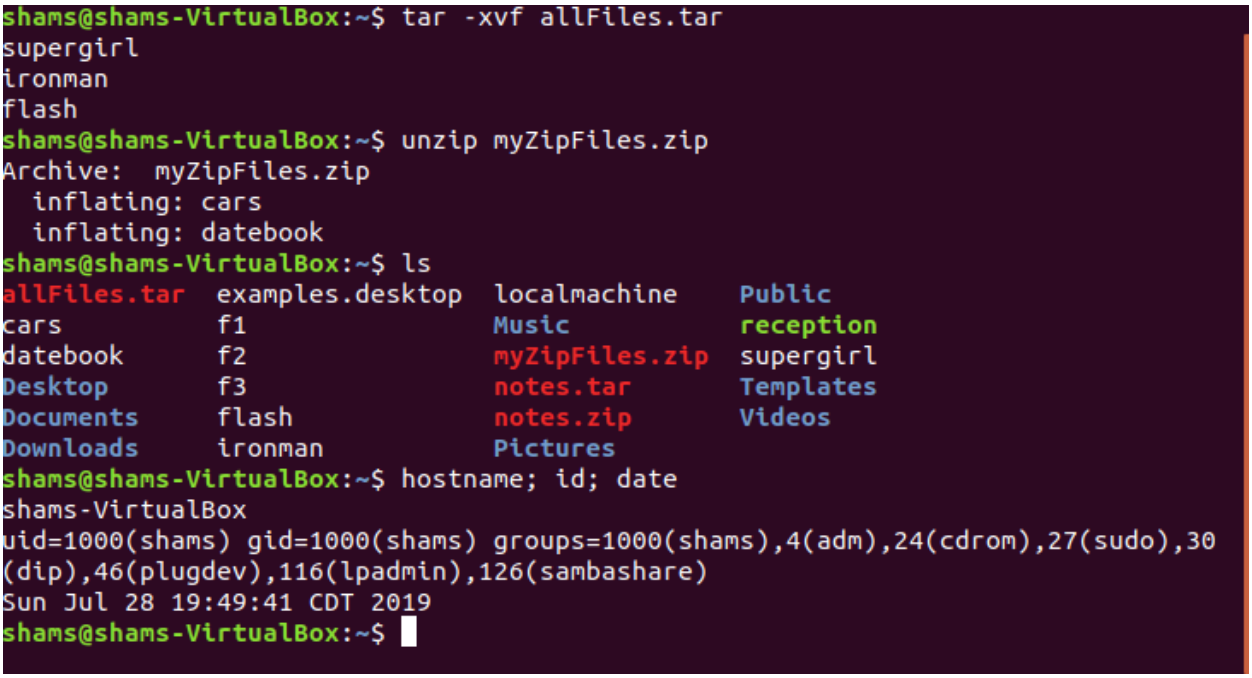


Question

On the cis11-1.cod.edu server, there exist two files called *allFiles.tar* and *myZipFiles.zip* that are located under directory /home/sheik. You are required to download these two files into your local Linux server using the *scp* command.

Demonstrate how you would uncompress these two files. After you have completed uncompressing them, execute the following command: *hostname; id; date*





Question
In the Learning Module video, the instructor has demonstrated three different Linux commands to reboot your Linux server. What are the three commands? Write the complete commands to reboot the server.

Answer: shutdown -r now
reboot
init 6