

Joseph Koduah

CYSE 270

Prof. Vasta

Step 1-3

```
Activities Terminal Dec 12 15:36
jkodu001@jkodu001-VirtualBox: ~
jkodu001@jkodu001-VirtualBox:~$ sudo groupadd employee
jkodu001@jkodu001-VirtualBox:~$ sudo groupadd payroll
jkodu001@jkodu001-VirtualBox:~$ sudo groupadd admin
jkodu001@jkodu001-VirtualBox:~$ sudo useradd -m -k /etc/skel Sophia
jkodu001@jkodu001-VirtualBox:~$ sudo useradd -m -k /etc/skel Oliva
jkodu001@jkodu001-VirtualBox:~$ sudo useradd -m -k /etc/skel Emma
jkodu001@jkodu001-VirtualBox:~$ sudo passwd Sophia
New password:
Retype new password:
passwd: password updated successfully
jkodu001@jkodu001-VirtualBox:~$ sudo passwd Oliva
New password:
Retype new password:
passwd: password updated successfully
jkodu001@jkodu001-VirtualBox:~$ sudo passwd Emma
New password:
Retype new password:
passwd: password updated successfully
jkodu001@jkodu001-VirtualBox:~$ sudo usermod -G employee -a Sophia
jkodu001@jkodu001-VirtualBox:~$ sudo usermod -G payroll -a Oliva
jkodu001@jkodu001-VirtualBox:~$ sudo usermod -G admin -a Emma
jkodu001@jkodu001-VirtualBox:~$ sudo groupadd Jkodu001
jkodu001@jkodu001-VirtualBox:~$ sudo usermod -s /bin/bash Sophia
jkodu001@jkodu001-VirtualBox:~$ sudo usermod -s /bin/bash Oliva
jkodu001@jkodu001-VirtualBox:~$ sudo usermod -s /bin/bash Emma
jkodu001@jkodu001-VirtualBox:~$ sudo usermod -G Jkodu001 -a Sophia
jkodu001@jkodu001-VirtualBox:~$ sudo usermod -G Jkodu001 -a Oliva
jkodu001@jkodu001-VirtualBox:~$ sudo usermod -G Jkodu001 -a Emma
jkodu001@jkodu001-VirtualBox:~$
```

Step 4-6

```
Activities Terminal Dec 12 16:15
Emma@jkodu001-VirtualBox: /home/cyse_project
jkodu001@jkodu001-VirtualBox:~$ sudo grep Sophia /etc/passwd
Sophia:x:1001:1004::/home/Sophia:/bin/bash
jkodu001@jkodu001-VirtualBox:~$ sudo grep Sophia /etc/groups
grep: /etc/groups: No such file or directory
jkodu001@jkodu001-VirtualBox:~$ sudo grep Sophia /etc/group
employee:x:1001:Sophia
Sophia:x:1004:
Jkodu001:x:1007:Sophia,Oliva,Emma
jkodu001@jkodu001-VirtualBox:~$ sudo grep Oliva /etc/group
payroll:x:1002:Oliva
Oliva:x:1005:
Jkodu001:x:1007:Sophia,Oliva,Emma
jkodu001@jkodu001-VirtualBox:~$ sudo grep Emma /etc/group
admin:x:1003:Emma
Emma:x:1006:
Jkodu001:x:1007:Sophia,Oliva,Emma
jkodu001@jkodu001-VirtualBox:~$ sudo chmod 770 /home/cyse_project
jkodu001@jkodu001-VirtualBox:~$ ls -l /home/cyse_project
ls: cannot open directory '/home/cyse_project': Permission denied
jkodu001@jkodu001-VirtualBox:~$ sudo ls -l /home/cyse_project
total 0
jkodu001@jkodu001-VirtualBox:~$ ls -lah
total 134M
drwxr-xr-x 17 jkodu001 jkodu001 4.0K Dec 11 22:30 .
drwxr-xr-x  7 root      root    4.0K Dec 12 15:40 ..
-rw-r--r--  1 jkodu001 jkodu001 220 Dec 11 22:03 .bash_logout
-rw-r--r--  1 jkodu001 jkodu001 3.7K Dec 11 22:03 .bashrc
drwx----- 11 jkodu001 jkodu001 4.0K Dec 11 22:15 .cache
drwxr-xr-x 10 jkodu001 jkodu001 4.0K Dec 11 22:15 .config
```

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Step 7

```
Activities Terminal Dec 12 16:16
Emma@jkodu001-VirtualBox: /home/cyse_project

jkodu001@jkodu001-VirtualBox:~$ sudo chmod 770 /home/cyse_project
jkodu001@jkodu001-VirtualBox:~$ ls -l /home/cyse_project
ls: cannot open directory '/home/cyse_project': Permission denied
jkodu001@jkodu001-VirtualBox:~$ sudo ls -l /home/cyse_project
total 0
jkodu001@jkodu001-VirtualBox:~$ sudo chmod770 /home/cyse_project
sudo: chmod770: command not found
jkodu001@jkodu001-VirtualBox:~$ sudo chmod 770 /home/cyse_project
jkodu001@jkodu001-VirtualBox:~$ sudo ls -l /home/cyse_project
total 0
jkodu001@jkodu001-VirtualBox:~$ su Sophia
su: user Sophia does not exist
jkodu001@jkodu001-VirtualBox:~$ su Sophia
Password:
Sophia@jkodu001-VirtualBox:/home/jkodu001$ cd
Sophia@jkodu001-VirtualBox:~$ cd /home/cyse_project
Sophia@jkodu001-VirtualBox:/home/cyse_project$ touch Sophia_homework
Sophia@jkodu001-VirtualBox:/home/cyse_project$ ls -l /home/cyse_project/Sophia_
homework
-rw-rw-r-- 1 Sophia Sophia 0 Dec 12 15:53 /home/cyse_project/Sophia_homework
Sophia@jkodu001-VirtualBox:/home/cyse_project$ cd
Sophia@jkodu001-VirtualBox:~$ sudo chmod 640 /home/cyse_project
[sudo] password for Sophia:
Sophia is not in the sudoers file. This incident will be reported.
Sophia@jkodu001-VirtualBox:~$ cd /home/cyse_project
Sophia@jkodu001-VirtualBox:/home/cyse_project$ echo "THIS is Joseph Koduah" > S
ophia_homework
Sophia@jkodu001-VirtualBox:/home/cyse_project$ sudo chmod 640 /home/cyse_projec
t
```

Step 8

```
Sophia@jkodu001-VirtualBox:/home/cyse_project$ cd
Sophia@jkodu001-VirtualBox:~$ cp Sophia_homework2 /home/cyse_project
Sophia@jkodu001-VirtualBox:~$ ls -l /home/cyse_project/Sophia_homework
ls: cannot access '/home/cyse_project/Sophia_homework': No such file or directo
ry
Sophia@jkodu001-VirtualBox:~$ sudo ls -l /home/cyse_project/Sophia_homework
[sudo] password for Sophia:
Sophia is not in the sudoers file. This incident will be reported.
Sophia@jkodu001-VirtualBox:~$
```

Step 9

```
Activities Terminal Dec 12 16:17
Emma@jkodu001-VirtualBox: /home/cyse_project

Sorry, try again.
[sudo] password for Sophia:
Sorry, try again.
[sudo] password for Sophia:
Sophia is not in the sudoers file. This incident will be reported.
Sophia@jkodu001-VirtualBox:/home/cyse_project$ cd
Sophia@jkodu001-VirtualBox:~$ cd /home/cyse_project
Sophia@jkodu001-VirtualBox:/home/cyse_project$ chmod 640 Sophia_homework
Sophia@jkodu001-VirtualBox:/home/cyse_project$ su
Password:
su: Authentication failure
Sophia@jkodu001-VirtualBox:/home/cyse_project$ su Emma
Password:
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

Emma@jkodu001-VirtualBox:/home/cyse_project$ su Sophia
Password:
Sophia@jkodu001-VirtualBox:/home/cyse_project$ ls -l /home/cyse_project
total 4
-rw-r----- 1 Sophia Sophia 22 Dec 12 15:57 Sophia_homework
Sophia@jkodu001-VirtualBox:/home/cyse_project$ su Emma
Password:
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

Emma@jkodu001-VirtualBox:/home/cyse_project$ cat Sophia_homework
cat: Sophia_homework: Permission denied
Emma@jkodu001-VirtualBox:/home/cyse_project$
```

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Task B.

```
Activities Terminal Dec 12 17:19
Emma@jkodu001-VirtualBox: /home/cyse_project

Sophia@jkodu001-VirtualBox:/home/cyse_project$ cd
Sophia@jkodu001-VirtualBox:~$ cp Sophia_homework2 /home/cyse_project
Sophia@jkodu001-VirtualBox:~$ ls -l /home/cyse_project/Sophia_homework
ls: cannot access '/home/cyse_project/Sophia_homework': No such file or directory
Sophia@jkodu001-VirtualBox:~$ sudo ls -l /home/cyse_project/Sophia_homework
[sudo] password for Sophia:
Sophia is not in the sudoers file. This incident will be reported.
Sophia@jkodu001-VirtualBox:~$ su jkodu001
Password:
jkodu001@jkodu001-VirtualBox:/home/Sophia$ cd
jkodu001@jkodu001-VirtualBox:~$ sudo chmod g+s /home/cyse_project
[sudo] password for jkodu001:
jkodu001@jkodu001-VirtualBox:~$ su Sophia
Password:
Sophia@jkodu001-VirtualBox:/home/jkodu001$ cd
Sophia@jkodu001-VirtualBox:~$ cp Sophia_homework /home/cyse_project
cp: cannot stat 'Sophia_homework': No such file or directory
Sophia@jkodu001-VirtualBox:~$ cp Sophia_homework2 /home/cyse_project
Sophia@jkodu001-VirtualBox:~$ su Emma
Password:
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

Emma@jkodu001-VirtualBox:/home/Sophia$ cd
Emma@jkodu001-VirtualBox:~$ cd /home/cyse_project
Emma@jkodu001-VirtualBox:/home/cyse_project$ cat Sophia_homework2
THis is joseph kouduah 2
Emma@jkodu001-VirtualBox:/home/cyse_project$
```

Task C.

```
Activities Terminal Dec 12 17:27
Oliva@jkodu001-VirtualBox: /home/cyse_project

Emma@jkodu001-VirtualBox:/home/cyse_project$ cd
Emma@jkodu001-VirtualBox:~$ su jkodu001
Password:
jkodu001@jkodu001-VirtualBox:/home/Emma$ cd
jkodu001@jkodu001-VirtualBox:~$ sudo chmod g-s /home/cyse_project
[sudo] password for jkodu001:
jkodu001@jkodu001-VirtualBox:~$ su Sophia
Password:
Sophia@jkodu001-VirtualBox:/home/jkodu001$ cd
Sophia@jkodu001-VirtualBox:~$ cp Sophia_homework /home/cyse_project
cp: cannot stat 'Sophia_homework': No such file or directory
Sophia@jkodu001-VirtualBox:~$ cp Sophia_homework2 /home/cyse_project
Sophia@jkodu001-VirtualBox:~$ cp Sophia_homework2 /home/cyse_project
Sophia@jkodu001-VirtualBox:~$ touch Sophia_homework
Sophia@jkodu001-VirtualBox:~$ echo "This is Joseph Koduah" > Sophia_homework
Sophia@jkodu001-VirtualBox:~$ cp Sophia_homework /home/cyse_project
Sophia@jkodu001-VirtualBox:~$ cd /home/cyse_project
Sophia@jkodu001-VirtualBox:/home/cyse_project$ mv Sophia_homework Sophia_homewo
rk3
Sophia@jkodu001-VirtualBox:/home/cyse_project$ cd
Sophia@jkodu001-VirtualBox:~$ su Oliva
Password:
Oliva@jkodu001-VirtualBox:/home/Sophia$ cd
Oliva@jkodu001-VirtualBox:~$ cat Sophia_homework3
cat: Sophia_homework3: No such file or directory
Oliva@jkodu001-VirtualBox:~$ cd /home/cyse_project
Oliva@jkodu001-VirtualBox:/home/cyse_project$ cat Sophia_homework3
This is Joseph Koduah
Oliva@jkodu001-VirtualBox:/home/cyse_project$
```