Linux-File-System-Task

Tasks:

You were chosen to be employed at Tuwaiq academy. There are 3 departments (Engineering, Accounting, and HR) at Tuwaiq. From your first workday you were challenged to do the following tasks:

1-Create one main folder called Tuwaiq

C:\Users\dalal> docker start -ai tuwaiq-centos

[root@ff53a6dd8c51 /]# mkdir Tuwaiq

```
C:\Users\dalal> docker start -ai tuwaiq-centos
[root@ff53a6dd8c51 ~]# mkdir Tuwaiq
```

2-Inside Tuwaiq folder create 5 empty (0 KB) files for each department. The file names should be _.txt, < department first characters >_num.txt, < department first characters >_num+1.txt and so on (you will have 15 files in total). Ex: eng_1.txt, eng_2.txt / acc_1.txt, acc_2.txt

[root@ff53a6dd8c51 Tuwaiq]# touch Eng_1.txt Eng_2.txt Eng_3.txt Eng_4.txt Eng_5.txt Acc_1.txt Acc_2.txt Acc_3.txt Acc_4.txt Acc_5.txt Hr_1.txt Hr_2.txt Hr_3.txt Hr_4.txt Hr_5.txt

```
[root@ff53a6dd8c51 /]# cd Tuwaiq
[root@ff53a6dd8c51 Tuwaiq]# touch Eng_1.txt Eng_2.txt Eng_3.txt Eng_4.txt Eng_5.txt Acc_1.txt Acc_2.txt Acc_3.txt Acc_4.txt Acc_5.txt
 Hr_1.txt Hr_2.txt Hr_3.txt Hr_4.txt Hr_5.txt
[root@ff53a6dd8c51 Tuwaiq]# ls -a
.   Acc_1.txt  Acc_3.txt  Acc_5.txt  Eng_2.txt  Eng_4.txt  Hr_1.txt  Hr_3.txt  Hr_5.txt
..  Acc_2.txt  Acc_4.txt  Eng_1.txt  Eng_3.txt  Eng_5.txt  Hr_2.txt  Hr_4.txt
```

```
[root@ff53a6dd8c51 ~]# cd Tuwaiq
[root@ff53a6dd8c51 Tuwaiq]# touch Eng_1.txt Eng_2.txt Eng_3.txt Eng_4 Eng_5.txt
[root@ff53a6dd8c51 Tuwaiq]# touch Acc_1.txt Acc_2.txt Acc_3.txt Acc_4 Acc_5.txt
[root@ff53a6dd8c51 Tuwaiq]# touch Hr_1.txt Hr_2.txt Hr_3.txt Hr_4 Hr_5.txt
```

3-Create the following users with description and expiration date (3 years after creation date). No need to add Expiration date for managers and CEO. Users are listed below:

Username	Role	Password
ahmad, yaman	Engineer	P@ssword123!
ali	HR Manager	P@ssword123!
hazem	HR employee	P@ssword123!
salwa, rasha	Accountant	P@ssword123!
anas	CEO	P@ssword123!

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Engineer" Ahmad

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Engineer" Yaman

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "HR Manager" Ali

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "HR employee" Hazem

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Accounting" Salwa

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Accounting" Rasha

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "CEO" Anas

```
[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Engineer" Ahmad
useradd: user 'Ahmad' already exists
[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Engineer" Yaman
useradd: warning: the home directory already exists.
Not copying any file from skel directory into it.
Creating mailbox file: File exists
[root@ff53a6dd8c51 Tuwaiq]# useradd -c "HR Manager" Ali
useradd: warning: the home directory already exists.
Not copying any file from skel directory into it.
Creating mailbox file: File exists
[root@ff53a6dd8c51 Tuwaiq]# useradd -c "HR employee" Hazem
useradd: warning: the home directory already exists.
Not copying any file from skel directory into it.
Creating mailbox file: File exists
[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Accounting" Salwa
useradd: warning: the home directory already exists.
Not copying any file from skel directory into it.
Creating mailbox file: File exists
[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Accounting" Rasha
useradd: warning: the home directory already exists.
Not copying any file from skel directory into it.
Creating mailbox file: File exists
[root@ff53a6dd8c51 Tuwaiq]# useradd -c "CEO" Anas
useradd: warning: the home directory already exists.
Not copying any file from skel directory into it.
Creating mailbox file: File exists
```

[root@ff53a6dd8c51 Tuwaiq]# for users in Ahamd Yaman Ali Hazem Salwa Rasha Anas

> do

> useradd $users

> echo -p P@ssword123! $users

> done

```
[root@ff53a6dd8c51 Tuwaiq]# for users in Ahamd Yaman Ali Hazem Salwa Rasha Anas
> do
> useradd $users
> echo -p P@ssword123! $users
> done
-p P@ssword123! Ahamd
useradd: user 'Yaman' already exists
-p P@ssword123! Yaman
useradd: user 'Ali' already exists
-p P@ssword123! Ali
useradd: user 'Hazem' already exists
-p P@ssword123! Hazem
useradd: user 'Salwa' already exists
-p P@ssword123! Salwa
useradd: user 'Rasha' already exists
-p P@ssword123! Rasha
useradd: user 'Anas' already exists
-p P@ssword123! Anas
```

[root@ff53a6dd8c51 Tuwaiq]# for users in Ahamd Yaman Hazem Salwa Rasha;

> do useradd $users;

> echo -e 10-29-26 $users;

> done

```
[root@ff53a6dd8c51 Tuwaiq]# for users in Ahamd Yaman Hazem Salwa Rasha; do  useradd $users; echo -e 10-29-26 $users; done
useradd: user 'Ahamd' already exists
10-29-26 Ahamd
useradd: user 'Yaman' already exists
10-29-26 Yaman
useradd: user 'Hazem' already exists
10-29-26 Hazem
useradd: user 'Salwa' already exists
10-29-26 Salwa
useradd: user 'Rasha' already exists
10-29-26 Rasha
```

[root@ff53a6dd8c51 Tuwaiq]# tail -n 7 /etc/passwd

```
[root@ff53a6dd8c51 Tuwaiq]# tail -n 7 /etc/passwd
Ahmad:x:1002:1002:Engineer:/home/Ahmad:/bin/bash
Yaman:x:1003:1003:Engineer:/home/Yaman:/bin/bash
Ali:x:1004:1004:HR Manager:/home/Ali:/bin/bash
Hazem:x:1005:1005:HR employee:/home/Hazem:/bin/bash
Salwa:x:1006:1006:Accounting:/home/Salwa:/bin/bash
Rasha:x:1007:1007:Accounting:/home/Rasha:/bin/bash
Anas:x:1008:1008:CEO:/home/Anas:/bin/bash
```

[root@ff53a6dd8c51 Tuwaiq]# id Ahmad

[root@ff53a6dd8c51 Tuwaiq]# id Yaman

[root@ff53a6dd8c51 Tuwaiq]# id Ali

[root@ff53a6dd8c51 Tuwaiq]# id Hazem

[root@ff53a6dd8c51 Tuwaiq]# id Salwa

[root@ff53a6dd8c51 Tuwaiq]# id Rasha

[root@ff53a6dd8c51 Tuwaiq]# id Anas

```
[root@ff53a6dd8c51 Tuwaiq]# id Ahmad
uid=1002(Ahmad) gid=1002(Ahmad) groups=1002(Ahmad)
[root@ff53a6dd8c51 Tuwaiq]# id Yaman
uid=1003(Yaman) gid=1003(Yaman) groups=1003(Yaman)
[root@ff53a6dd8c51 Tuwaiq]# id Ali
uid=1004(Ali) gid=1004(Ali) groups=1004(Ali)
[root@ff53a6dd8c51 Tuwaiq]# id Hazem
uid=1005(Hazem) gid=1005(Hazem) groups=1005(Hazem)
[root@ff53a6dd8c51 Tuwaiq]# id Salwa
uid=1006(Salwa) gid=1006(Salwa) groups=1006(Salwa)
[root@ff53a6dd8c51 Tuwaiq]# id Rasha
uid=1007(Rasha) gid=1007(Rasha) groups=1007(Rasha)
[root@ff53a6dd8c51 Tuwaiq]# id Anas
uid=1008(Anas) gid=1008(Anas) groups=1008(Anas)
[root@ff53a6dd8c51 Tuwaiq]#
```

[root@ff53a6dd8c51 Tuwaiq]# groupadd Engineering

[root@ff53a6dd8c51 Tuwaiq]# groupadd Accounting

[root@ff53a6dd8c51 Tuwaiq]# groupadd HR

[root@ff53a6dd8c51 Tuwaiq]# usermod Ahmad -aG Engineering

[root@ff53a6dd8c51 Tuwaiq]# usermod Yaman -aG Engineering

[root@ff53a6dd8c51 Tuwaiq]# usermod Salwa -aG Accounting

[root@ff53a6dd8c51 Tuwaiq]# usermod Rasha -aG Accounting

[root@ff53a6dd8c51 Tuwaiq]# usermod Ali -aG HR

[root@ff53a6dd8c51 Tuwaiq]# usermod Hazem -aG HR

```
[root@ff53a6dd8c51 Tuwaiq]# groupadd Engineering
[root@ff53a6dd8c51 Tuwaiq]# groupadd Accounting
[root@ff53a6dd8c51 Tuwaiq]# groupadd HR
[root@ff53a6dd8c51 Tuwaiq]# usermod Ahmad -aG Engineering
[root@ff53a6dd8c51 Tuwaiq]# usermod Yaman -aG Engineering
[root@ff53a6dd8c51 Tuwaiq]# usermod Salwa -aG Accounting
[root@ff53a6dd8c51 Tuwaiq]# usermod Rasha -aG Accounting
[root@ff53a6dd8c51 Tuwaiq]# usermod Ali -aG HR
[root@ff53a6dd8c51 Tuwaiq]# usermod Hazem -aG HR
```

6-Your manager asked you to organize the files into 3 separate sub-folders (Engineering, Accounting and HR).

[root@ff53a6dd8c51 Tuwaiq]# mkdir Engineering

[root@ff53a6dd8c51 Tuwaiq]# mkdir Accounting

[root@ff53a6dd8c51 Tuwaiq]# mkdir HR

[root@ff53a6dd8c51 Tuwaiq]# mv Eng_* Engineering

[root@ff53a6dd8c51 Tuwaiq]# mv Acc_* Accounting

[root@ff53a6dd8c51 Tuwaiq]# mv Hr_* HR

```
[root@ff53a6dd8c51 Tuwaiq]# mkdir Engineering
[root@ff53a6dd8c51 Tuwaiq]# mkdir Accounting
[root@ff53a6dd8c51 Tuwaiq]# mkdir HR
[root@ff53a6dd8c51 Tuwaiq]# mv Eng_* Engineering
[root@ff53a6dd8c51 Tuwaiq]# mv Acc_* Accounting
[root@ff53a6dd8c51 Tuwaiq]# mv Hr_* HR
```

7-Change user and group ownership for each subfolder to the relevant group (use any user from the department as an owner). Ex: Engineering folder should be owned by Engineering group and then ensure the new ownership.

[root@ff53a6dd8c51 Tuwaiq]# chown -R Ahmad:Engineering Engineering

[root@ff53a6dd8c51 Tuwaiq]# chown -R Salwa:Accounting Accounting

[root@ff53a6dd8c51 Tuwaiq]# chown -R Ali:HR HR

```
[root@ff53a6dd8c51 Tuwaiq]# chown -R Ahmad:Engineering Engineering
[root@ff53a6dd8c51 Tuwaiq]# chown -R Salwa:Accounting Accounting
[root@ff53a6dd8c51 Tuwaiq]# chown -R Ali:HR HR
```

8-Grant the CEO read permission to all folders, each sub-folders should have the corresponding group with all permission and the other with no permission in across company folder.

[root@ff53a6dd8c51 Tuwaiq]# cd -

/

[root@ff53a6dd8c51 /]# chmod +r Tuwaiq

[root@ff53a6dd8c51 /]# cd Tuwaiq

[root@ff53a6dd8c51 Tuwaiq]# chmod -R 770 Engineering

[root@ff53a6dd8c51 Tuwaiq]# chmod -R 770 Accounting

[root@ff53a6dd8c51 Tuwaiq]# chmod -R 770 HR

```
[root@ff53a6dd8c51 Tuwaiq]# cd -
/
[root@ff53a6dd8c51 /]# chmod +r Tuwaiq
[root@ff53a6dd8c51 /]# cd Tuwaiq
[root@ff53a6dd8c51 Tuwaiq]# chmod -R 770 Engineering
[root@ff53a6dd8c51 Tuwaiq]# chmod -R 770 Accounting
[root@ff53a6dd8c51 Tuwaiq]# chmod -R 770 HR
```

9-Create a Backup folder inside the /tmp folder and then backup the company's data into the backups folder. Use a meaningful name for the backup folder.

[root@ff53a6dd8c51 Tuwaiq]# cd -

/

[root@ff53a6dd8c51 /]# cp -R Tuwaiq /tmp/backups/Tuwaiq_backup

```
[root@ff53a6dd8c51 Tuwaiq]# mkdir /tmp/backups
[root@ff53a6dd8c51 Tuwaiq]# cd -
/
[root@ff53a6dd8c51 /]# cp -R Tuwaiq /tmp/backups/Tuwaiq_backup
```

After finishing the task take screen shots of the `ls /tmp/backups`. Then take screen shot output of `ls -lR` on Tuwaiq directory to a file and then upload the pictures to the forked repo and then create a pull request.

[root@ff53a6dd8c51 Tuwaiq]# ls /tmp/backups

[root@ff53a6dd8c51 Tuwaiq]# ls -

```
[root@ff53a6dd8c51 Tuwaiq]# ls /tmp/backups
Tuwaiq_backup
[root@ff53a6dd8c51 Tuwaiq]# ls -lR
.:
total 12
drwxrwx--- 2 Salwa Accounting  4096 Oct 29 23:24 Accounting
drwxrwx--- 2 Ahmad Engineering 4096 Oct 29 23:24 Engineering
drwxrwx--- 2 Ali   HR          4096 Oct 29 23:24 HR

./Accounting:
total 0
-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_1.txt
-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_2.txt
-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_3.txt
-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_4.txt
-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_5.txt

./Engineering:
total 0
-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_1.txt
-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_2.txt
-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_3.txt
-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_4.txt
-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_5.txt

./HR:
total 0
-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_1.txt
-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_2.txt
-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_3.txt
-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_4.txt
-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_5.txt
```

CODING

Microsoft Windows [Version 10.0.22621.2428]

(c) Microsoft Corporation. All rights reserved.

C:\Users\dalal> docker start -ai tuwaiq-centos

[root@ff53a6dd8c51 /]# mkdir Tuwaiq

[root@ff53a6dd8c51 /]# cd Tuwaiq

[root@ff53a6dd8c51 Tuwaiq]# touch Eng_1.txt Eng_2.txt Eng_3.txt Eng_4.txt Eng_5.txt Acc_1.txt Acc_2.txt Acc_3.txt Acc_4.txt Acc_5.txt Hr_1.txt Hr_2.txt Hr_3.txt Hr_4.txt Hr_5.txt

[root@ff53a6dd8c51 Tuwaiq]# ls -a

.   Acc_1.txt Acc_3.txt Acc_5.txt Eng_2.txt Eng_4.txt Hr_1.txt Hr_3.txt Hr_5.txt

.. Acc_2.txt Acc_4.txt Eng_1.txt Eng_3.txt Eng_5.txt Hr_2.txt Hr_4.txt

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Engineer" Ahmad

useradd: user 'Ahmad' already exists

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Engineer" Yaman

useradd: warning: the home directory already exists.

Not copying any file from skel directory into it.

Creating mailbox file: File exists

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "HR Manager" Ali

useradd: warning: the home directory already exists.

Not copying any file from skel directory into it.

Creating mailbox file: File exists

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "HR employee" Hazem

useradd: warning: the home directory already exists.

Not copying any file from skel directory into it.

Creating mailbox file: File exists

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Accounting" Salwa

useradd: warning: the home directory already exists.

Not copying any file from skel directory into it.

Creating mailbox file: File exists

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "Accounting" Rasha

```
useradd: warning: the home directory already exists.

Not copying any file from skel directory into it.

Creating mailbox file: File exists

[root@ff53a6dd8c51 Tuwaiq]# useradd -c "CEO" Anas

useradd: warning: the home directory already exists.

Not copying any file from skel directory into it.

Creating mailbox file: File exists

[root@ff53a6dd8c51 Tuwaiq]# tail -n 7 /etc/passwd

Ahmad:x:1002:1002:Engineer:/home/Ahmad:/bin/bash

Yaman:x:1003:1003:Engineer:/home/Yaman:/bin/bash

Ali:x:1004:1004:HR Manager:/home/Ali:/bin/bash

Hazem:x:1005:1005:HR employee:/home/Hazem:/bin/bash

Salwa:x:1006:1006:Accounting:/home/Salwa:/bin/bash

Rasha:x:1007:1007:Accounting:/home/Rasha:/bin/bash

Anas:x:1008:1008:CEO:/home/Anas:/bin/bash

[root@ff53a6dd8c51 Tuwaiq]# id Ahmad

uid=1002(Ahmad) gid=1002(Ahmad) groups=1002(Ahmad)

[root@ff53a6dd8c51 Tuwaiq]# id Yaman

uid=1003(Yaman) gid=1003(Yaman) groups=1003(Yaman)

[root@ff53a6dd8c51 Tuwaiq]# id Ali

uid=1004(Ali) gid=1004(Ali) groups=1004(Ali)

[root@ff53a6dd8c51 Tuwaiq]# id Hazem

uid=1005(Hazem) gid=1005(Hazem) groups=1005(Hazem)

[root@ff53a6dd8c51 Tuwaiq]# id Salwa

uid=1006(Salwa) gid=1006(Salwa) groups=1006(Salwa)

[root@ff53a6dd8c51 Tuwaiq]# id Rasha

uid=1007(Rasha) gid=1007(Rasha) groups=1007(Rasha)

[root@ff53a6dd8c51 Tuwaiq]# id Anas

uid=1008(Anas) gid=1008(Anas) groups=1008(Anas)

[root@ff53a6dd8c51 Tuwaiq]# for users in Ahamd Yaman Ali Hazem Salwa Rasha Anas

> do
```

```
> useradd $users

> echo -p P@ssword123! $users

> done

-p P@ssword123! Ahamd

useradd: user 'Yaman' already exists

-p P@ssword123! Yaman

useradd: user 'Ali' already exists

-p P@ssword123! Ali

useradd: user 'Hazem' already exists

-p P@ssword123! Hazem

useradd: user 'Salwa' already exists

-p P@ssword123! Salwa

useradd: user 'Rasha' already exists

-p P@ssword123! Rasha

useradd: user 'Anas' already exists

-p P@ssword123! Anas

[root@ff53a6dd8c51 Tuwaiq]#

[root@ff53a6dd8c51 Tuwaiq]# for users in Ahamd Yaman Hazem Salwa Rasha; do  useradd $users;
echo -e 10-29-26 $users; done

useradd: user 'Ahamd' already exists

10-29-26 Ahamd

useradd: user 'Yaman' already exists

10-29-26 Yaman

useradd: user 'Hazem' already exists

10-29-26 Hazem

useradd: user 'Salwa' already exists

10-29-26 Salwa

useradd: user 'Rasha' already exists

10-29-26 Rasha

[root@ff53a6dd8c51 Tuwaiq]# id Ahmad

uid=1002(Ahmad) gid=1002(Ahmad) groups=1002(Ahmad)
```

```
[root@ff53a6dd8c51 Tuwaiq]# groupadd Engineering

[root@ff53a6dd8c51 Tuwaiq]# groupadd Accounting

[root@ff53a6dd8c51 Tuwaiq]# groupadd HR

[root@ff53a6dd8c51 Tuwaiq]# usermod Ahmad -aG Engineering

[root@ff53a6dd8c51 Tuwaiq]# usermod Yaman -aG Engineering

[root@ff53a6dd8c51 Tuwaiq]# usermod Salwa -aG Accounting

[root@ff53a6dd8c51 Tuwaiq]# usermod Rasha -aG Accounting

[root@ff53a6dd8c51 Tuwaiq]# usermod Ali -aG HR

[root@ff53a6dd8c51 Tuwaiq]# usermod Hazem -aG HR

[root@ff53a6dd8c51 Tuwaiq]# mkdir Engineering

[root@ff53a6dd8c51 Tuwaiq]# mkdir Accounting

[root@ff53a6dd8c51 Tuwaiq]# mkdir HR

[root@ff53a6dd8c51 Tuwaiq]# mv Eng_* Engineering

[root@ff53a6dd8c51 Tuwaiq]# mv Acc_* Accounting

[root@ff53a6dd8c51 Tuwaiq]# mv Hr_* HR

[root@ff53a6dd8c51 Tuwaiq]# chown -R Ahmad:Engineering Engineering

[root@ff53a6dd8c51 Tuwaiq]# chown -R Salwa:Accounting Accounting

[root@ff53a6dd8c51 Tuwaiq]# chown -R Ali:HR HR

[root@ff53a6dd8c51 Tuwaiq]# cd -

/

[root@ff53a6dd8c51 /]# chmod +r Tuwaiq

[root@ff53a6dd8c51 /]# cd Tuwaiq

[root@ff53a6dd8c51 Tuwaiq]# chmod -R 770 Engineering

[root@ff53a6dd8c51 Tuwaiq]# chmod -R 770 Accounting

[root@ff53a6dd8c51 Tuwaiq]# chmod -R 770 HR

[root@ff53a6dd8c51 Tuwaiq]# mkdir /tmp/backups

[root@ff53a6dd8c51 Tuwaiq]# cd -

/

[root@ff53a6dd8c51 /]# cp -R Tuwaiq /tmp/backups/Tuwaiq_backup

[root@ff53a6dd8c51 /]# ls /tmp/backups.

ls: cannot access '/tmp/backups.': No such file or directory
```

```
[root@ff53a6dd8c51 /]# cd Tuwaiq

[root@ff53a6dd8c51 Tuwaiq]# ls /tmp/backups.

ls: cannot access '/tmp/backups.': No such file or directory

[root@ff53a6dd8c51 Tuwaiq]# ls /tmp/backups

Tuwaiq_backup

[root@ff53a6dd8c51 Tuwaiq]# ls -lR

.:

total 12

drwxrwx--- 2 Salwa Accounting  4096 Oct 29 23:24 Accounting

drwxrwx--- 2 Ahmad Engineering 4096 Oct 29 23:24 Engineering

drwxrwx--- 2 Ali   HR       4096 Oct 29 23:24 HR


./Accounting:

total 0

-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_1.txt

-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_2.txt

-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_3.txt

-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_4.txt

-rwxrwx--- 1 Salwa Accounting 0 Oct 29 22:37 Acc_5.txt


./Engineering:

total 0

-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_1.txt

-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_2.txt

-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_3.txt

-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_4.txt

-rwxrwx--- 1 Ahmad Engineering 0 Oct 29 22:37 Eng_5.txt


./HR:

total 0

-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_1.txt
```

```
-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_2.txt

-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_3.txt

-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_4.txt

-rwxrwx--- 1 Ali HR 0 Oct 29 22:37 Hr_5.txt

[root@ff53a6dd8c51 Tuwaiq]#
```