Lab 7

System Administration

Scenario:

Create the following groups:

- writers
- tv
- movie

Create 10 user accounts (User1, User2, ..., User10). Ensure that:

- All users are added to the default group writers.
- Some users are also added to the tv group.
- Other users are added to the movie group.

Create a text file named example.txt and edit it using either the Vi or Nano editor.

Solution:

1. Create the following groups:

- sudo groupadd writers
- sudo groupadd tv
- sudo groupadd movie

```
momik@pop-os:~$ sudo groupadd writers
sudo groupadd tv
sudo groupadd movie
[sudo] password for momik:
momik@pop-os:~$ 
```

Solution:

2. Create 10 user accounts ….

- for i in {1..10}; do
-   sudo useradd -G writers user$i
- done

- sudo usermod -aG tv user1
- sudo usermod -aG tv user2
- sudo usermod -aG tv user3

- sudo usermod -aG movie user4
- sudo usermod -aG movie user5
- sudo usermod -aG movie user6

```
momik@pop-os:~$ # Create users with the default group 'writers'
for i in {1..10}; do
  sudo useradd -G writers user$i
done

# Add User1, User2, and User3 to the 'tv' group
sudo usermod -aG tv user1
sudo usermod -aG tv user2
sudo usermod -aG tv user3

# Add User4, User5, and User6 to the 'movie' group
sudo usermod -aG movie user4
sudo usermod -aG movie user5
sudo usermod -aG movie user6
momik@pop-os:~$ 
```

Solution:

2. Create a text file named example.txt and edit it using either the Vi or Nano editor.

touch example.txt
nano example.txt

```
momik@pop-os:~$ touch example.txt
momik@pop-os:~$
```

```
momik@pop-os:~$ nano example.txt
```

GNU nano 6.2   example.txt *

Hello world

[Read 0 lines]

^G Help   ^O Write Out ^W Where Is   ^K Cut   ^T Execute   ^C Location
^X Exit   ^R Read File ^\ Replace   ^U Paste   ^J Justify   ^/ Go To Line