Write a bash script that create 20 users from a csv file with default password.

10 users to sys-admin group

5 users to data-admin group

5 users to database group

NO 1

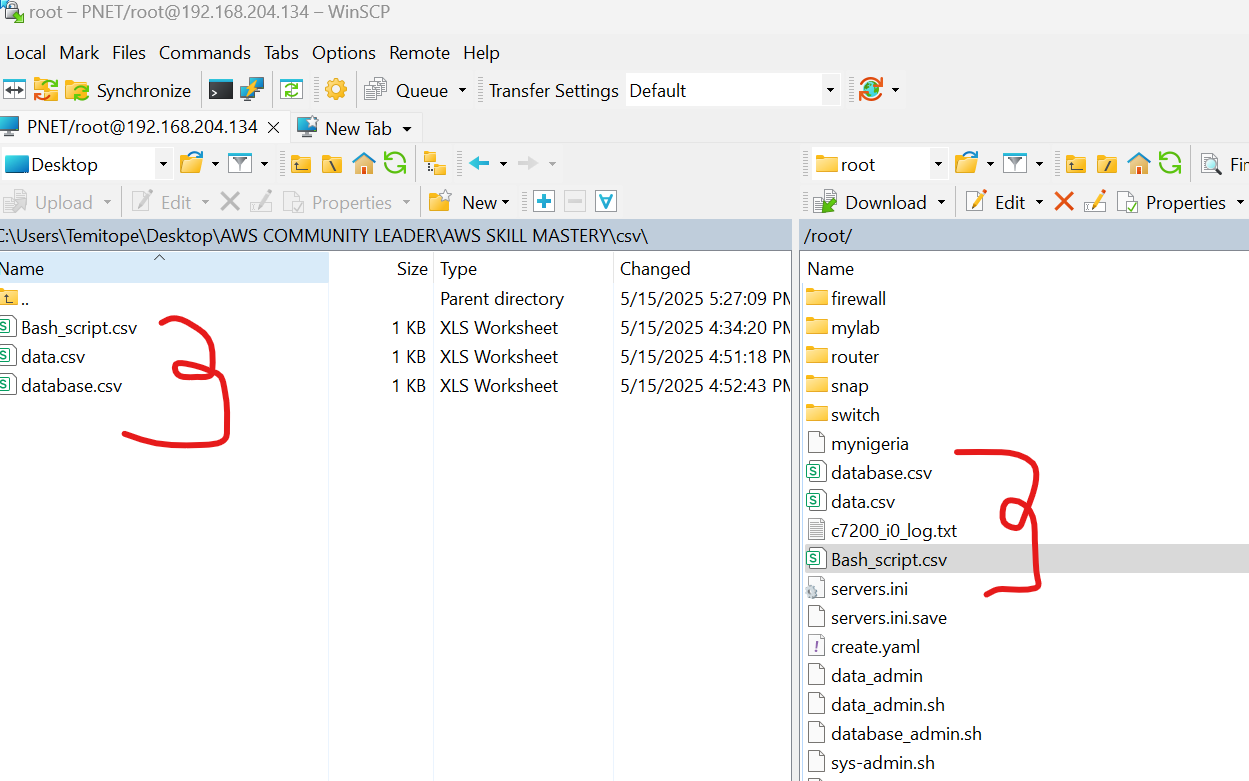
**20 users to sys-admin group**

FOR SYS-ADMIN GROUP

**STEP 1. CREATE “Bash\_script.csv” FILE**

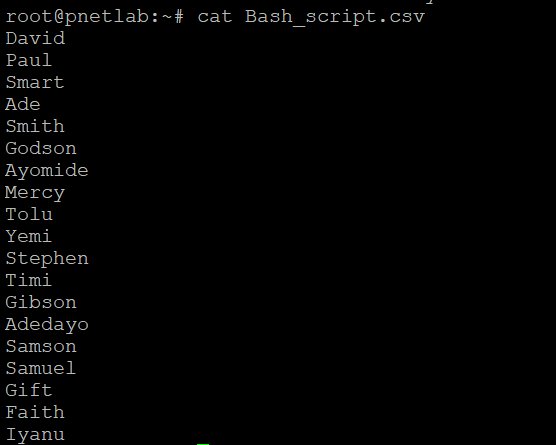
Create a csv file named "Bash\_script.csv" on window with 20 users.

Copy the file from windows to Ubuntu server using winscp



**STEP 2. CONFIRM THE CONTENT OF THE “Bash\_script.csv” FILE ON UBUNTU SERVER**

**root@pnetlab:~# cat Bash\_script.csv**

****

**STEP 3. CREATE A BASH SCRIPT TO CREATE 20 USERS.**

**root@pnetlab:~# nano sys-admin.sh**

**#!/bin/bash**

**GROUP="sys-admin"**

**PASSWORD="admin"**

**CSV\_FILE="/root/Bash\_script.csv"**

**# Ensure group exists**

**if ! getent group "$GROUP" > /dev/null; then**

**sudo groupadd "$GROUP"**

**fi**

**# Convert Windows line endings to Unix (remove \r if present)**

**dos2unix "$CSV\_FILE" 2>/dev/null || sed -i 's/\r$//' "$CSV\_FILE"**

**# Read usernames from the cleaned CSV file**

**while IFS= read -r USERNAME; do**

**# Skip empty lines**

**[[ -z "$USERNAME" ]] && continue**

**if ! getent passwd "$USERNAME" > /dev/null; then**

**sudo useradd -m -G "$GROUP" -s /bin/bash "$USERNAME"**

**echo "$USERNAME:$PASSWORD" | sudo chpasswd**

**sudo passwd -x 10 "$USERNAME"**

**echo "User $USERNAME created with default password: $PASSWORD"**

**else**

**echo "User $USERNAME already exists."**

**fi**

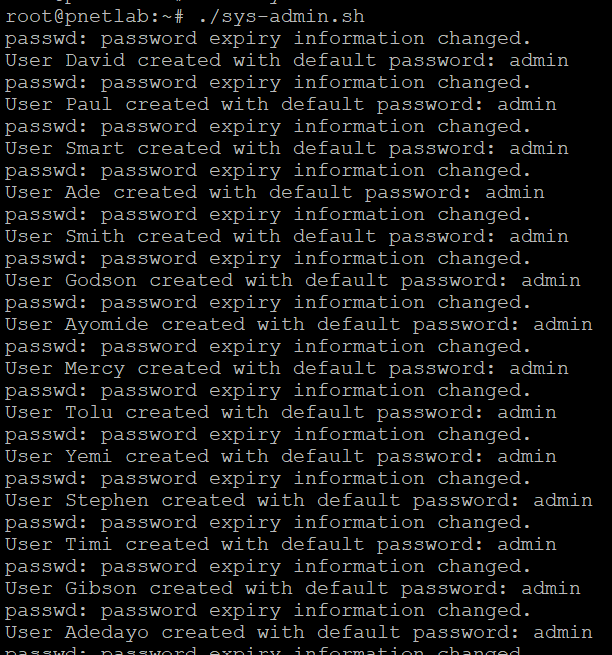
**done < "$CSV\_FILE"**

**STEP 5. CHANGE THE BASHSCRIPT PERMISSION TO MAKE IT EXECUTABLE FILE.**

**root@pnetlab:~# chmod 775 sys-admin.sh**

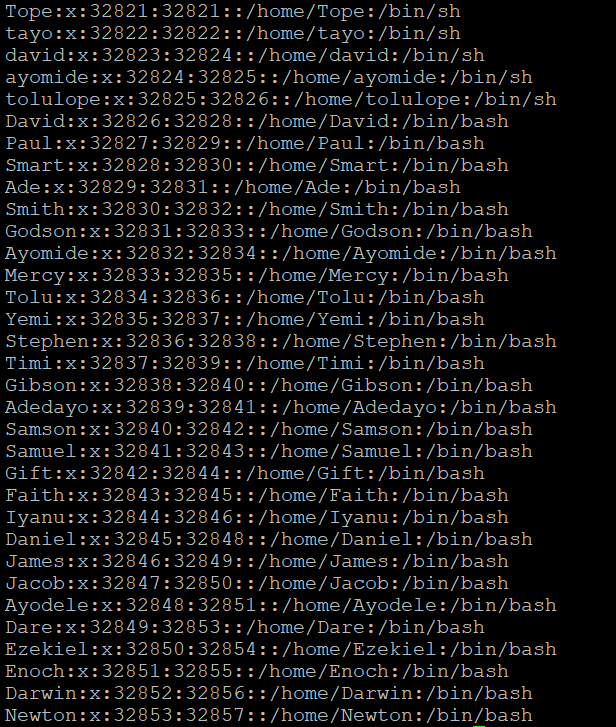
**STEP 6. RUN THE BASH SCRIPT .**

**root@pnetlab:~# ./sys-admin.sh**

****

**STEP 7. VERIFY THE PASSWORD THAT WAS CREATED**

**root@pnetlab:~# cat /etc/passwd**

****

NO 2

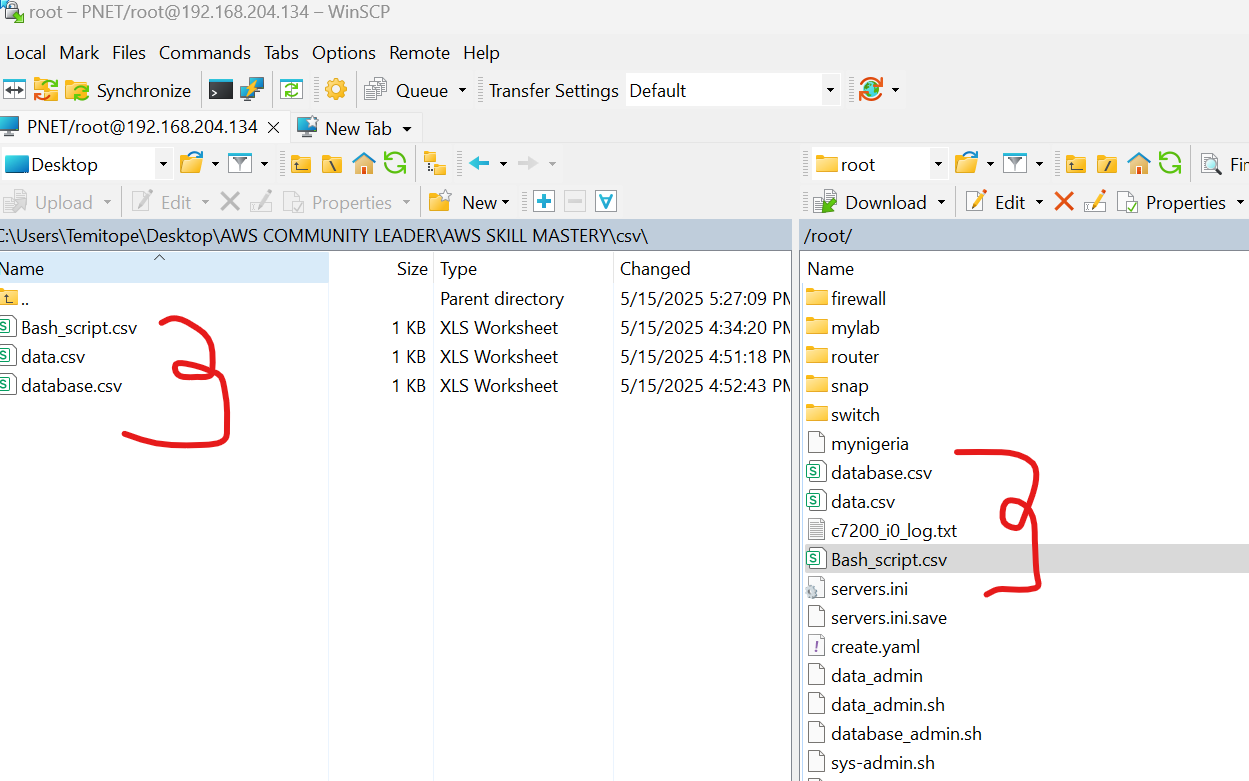
**5 users to data-admin group**

FOR DATA-ADMIN GROUP

**STEP 1. CREATE “data.csv” FILE**

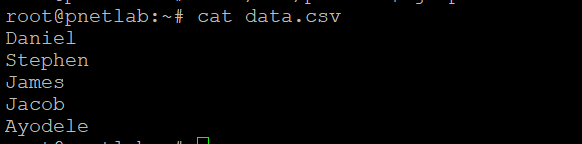
Create a csv file named "data" on window with 5 users.

Copy the file from windows to Ubuntu server using winscp



**STEP 2. CONFIRM THE CONTENT OF THE “data.csv” FILE ON UBUNTU SERVER**

**root@pnetlab:~# cat data.csv**

****

**STEP 3. CREATE A BASH SCRIPT TO CREATE 5 USERS.**

**root@pnetlab:~# nano data\_admin.sh**

**#!/bin/bash**

**GROUP="data\_admin"**

**PASSWORD="admin"**

**CSV\_FILE="data.csv"**

**# Ensure group exists**

**if ! getent group "$GROUP" > /dev/null; then**

**sudo groupadd "$GROUP"**

**fi**

**# Convert Windows line endings to Unix (remove \r if present)**

**dos2unix "$CSV\_FILE" 2>/dev/null || sed -i 's/\r$//' "$CSV\_FILE"**

**# Read usernames from the cleaned CSV file**

**while IFS= read -r USERNAME; do**

**# Skip empty lines**

**[[ -z "$USERNAME" ]] && continue**

**if ! getent passwd "$USERNAME" > /dev/null; then**

**sudo useradd -m -G "$GROUP" -s /bin/bash "$USERNAME"**

**echo "$USERNAME:$PASSWORD" | sudo chpasswd**

**sudo passwd -x 10 "$USERNAME"**

**echo "User $USERNAME created with default password: $PASSWORD"**

**else**

**echo "User $USERNAME already exists."**

**fi**

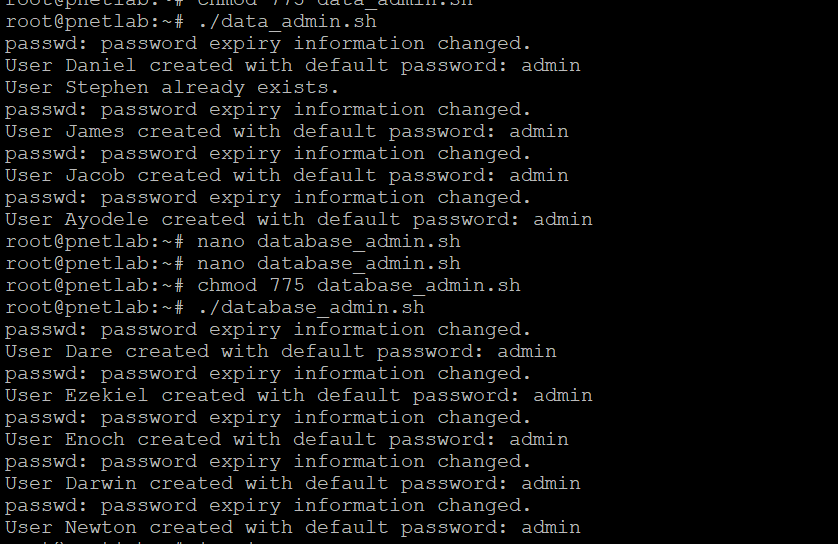
**done < "$CSV\_FILE"**

**STEP 4. CHANGE THE BASHSCRIPT PERMISSION TO MAKE IT EXECUTABLE FILE.**

**root@pnetlab:~# chmod 775 database\_admin.sh**

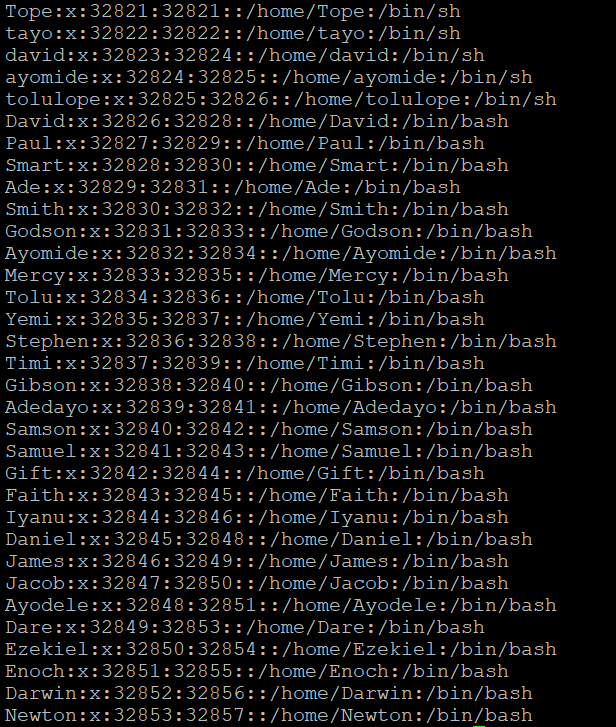
**STEP 5. RUN THE BASH SCRIPT.**

**root@pnetlab:~# ./data\_admin.sh**

****

**STEP 6. VERIFY THE PASSWORD THAT WAS CREATED**

**root@pnetlab:~# cat /etc/passwd**

****

**NO 3**

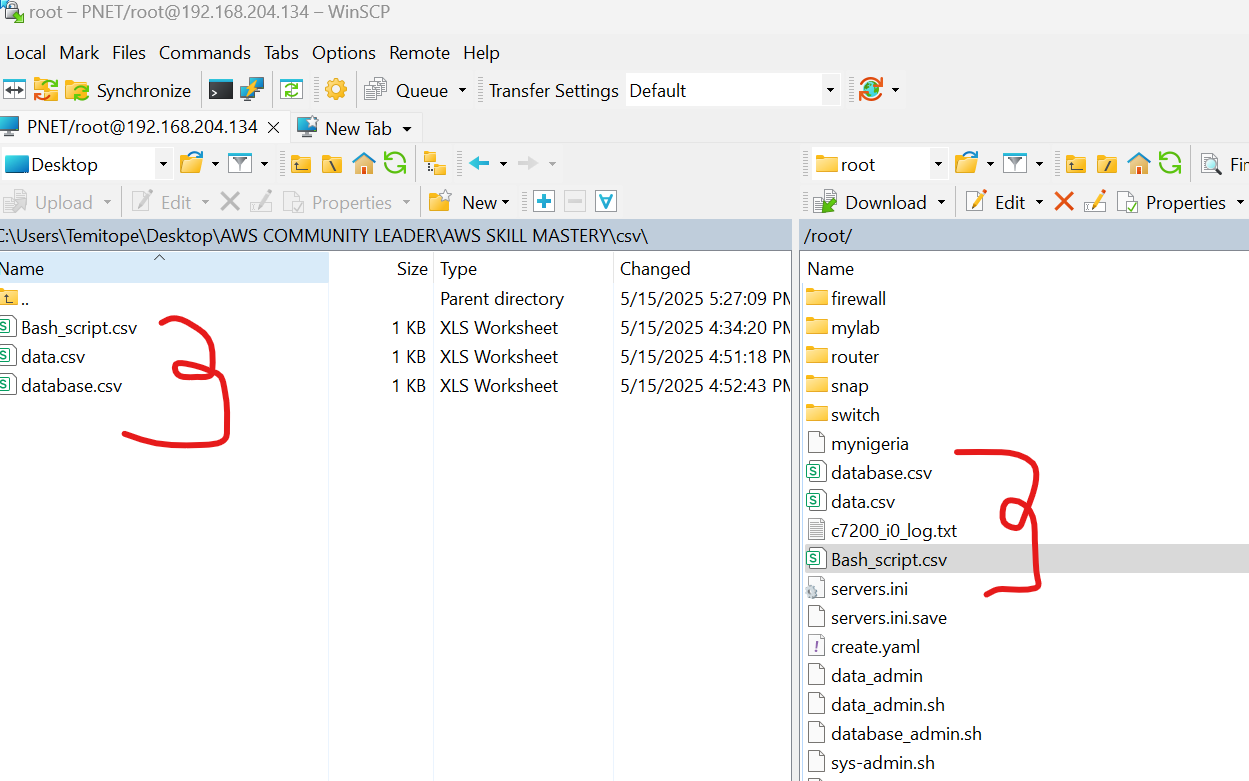
**5 users to database-admin group**

FOR DATA-ADMIN GROUP

**STEP 1. CREATE “database.csv” FILE**

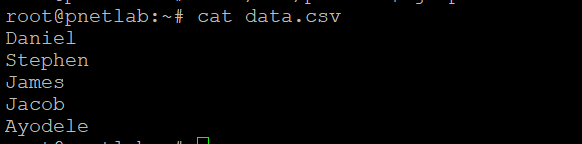
Create a csv file named "data" on window with 5 users.

Copy the file from windows to Ubuntu server using winscp



**STEP 2. CONFIRM THE CONTENT OF THE “database.csv” FILE ON UBUNTU SERVER**

**root@pnetlab:~# cat database.csv**

****

**STEP 3. CREATE A BASH SCRIPT TO CREATE 5 USERS.**

**root@pnetlab:~# nano database\_admin.sh**

**#!/bin/bash**

**GROUP="database\_admin"**

**PASSWORD="admin"**

**CSV\_FILE="database.csv"**

**# Ensure group exists**

**if ! getent group "$GROUP" > /dev/null; then**

**sudo groupadd "$GROUP"**

**fi**

**# Convert Windows line endings to Unix (remove \r if present)**

**dos2unix "$CSV\_FILE" 2>/dev/null || sed -i 's/\r$//' "$CSV\_FILE"**

**# Read usernames from the cleaned CSV file**

**while IFS= read -r USERNAME; do**

**# Skip empty lines**

**[[ -z "$USERNAME" ]] && continue**

**if ! getent passwd "$USERNAME" > /dev/null; then**

**sudo useradd -m -G "$GROUP" -s /bin/bash "$USERNAME"**

**echo "$USERNAME:$PASSWORD" | sudo chpasswd**

**sudo passwd -x 10 "$USERNAME"**

**echo "User $USERNAME created with default password: $PASSWORD"**

**else**

**echo "User $USERNAME already exists."**

**fi**

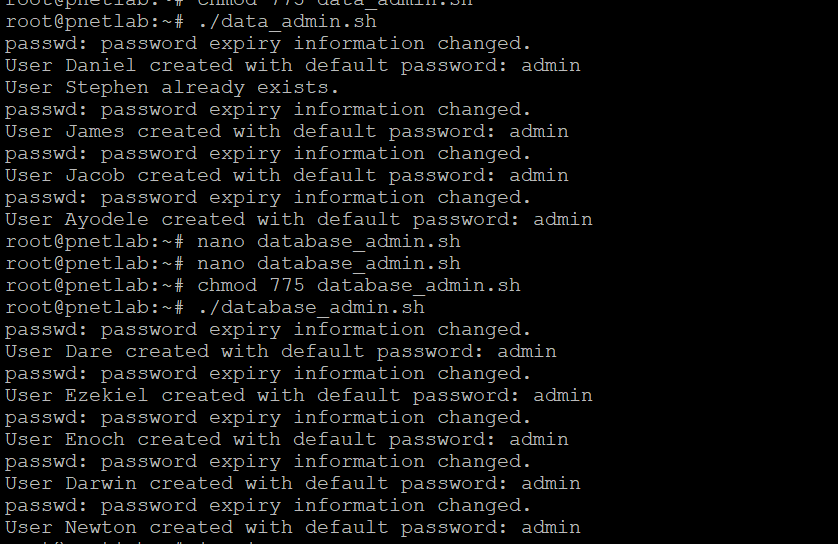
**done < "$CSV\_FILE"**

**STEP 5. CHANGE THE BASHSCRIPT PERMISSION TO MAKE IT EXECUTABLE FILE.**

**root@pnetlab:~# chmod 775 database\_admin.sh**

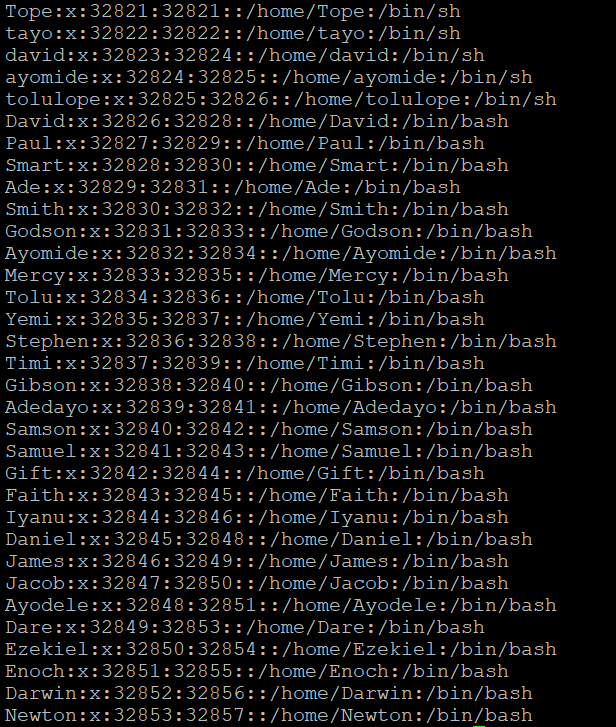
**STEP 5. RUN THE BASH SCRIPT.**

**root@pnetlab:~# ./database\_admin.sh**

****

**STEP 6. VERIFY THE PASSWORD THAT WAS CREATED**

**root@pnetlab:~# cat /etc/passwd**

****