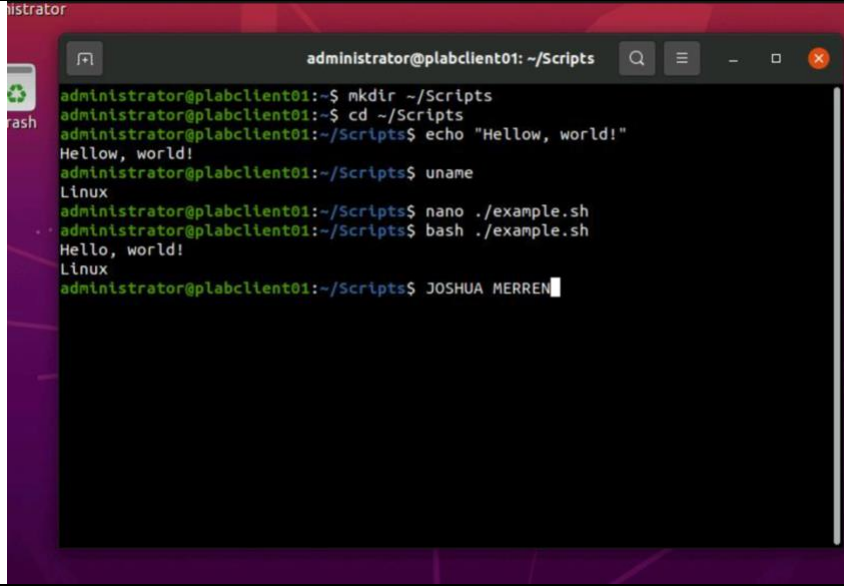
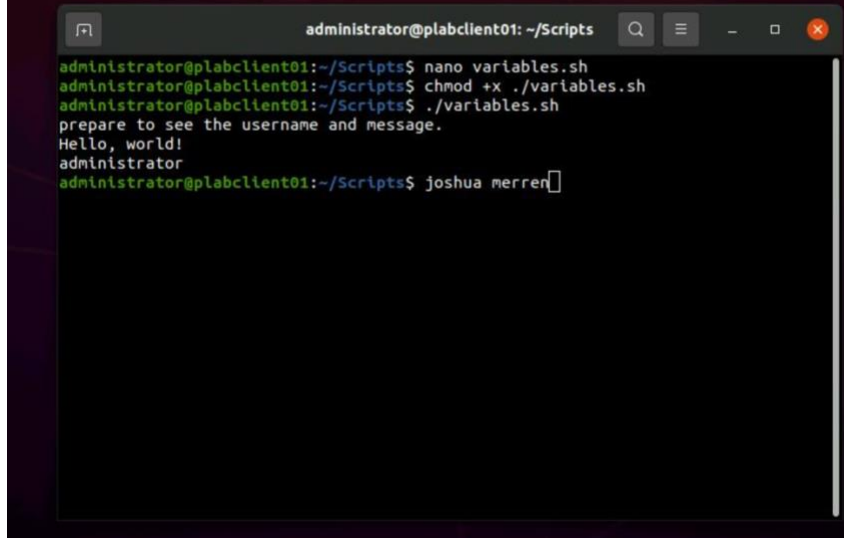


CYB 300 Module Two Practice Lab Worksheet One

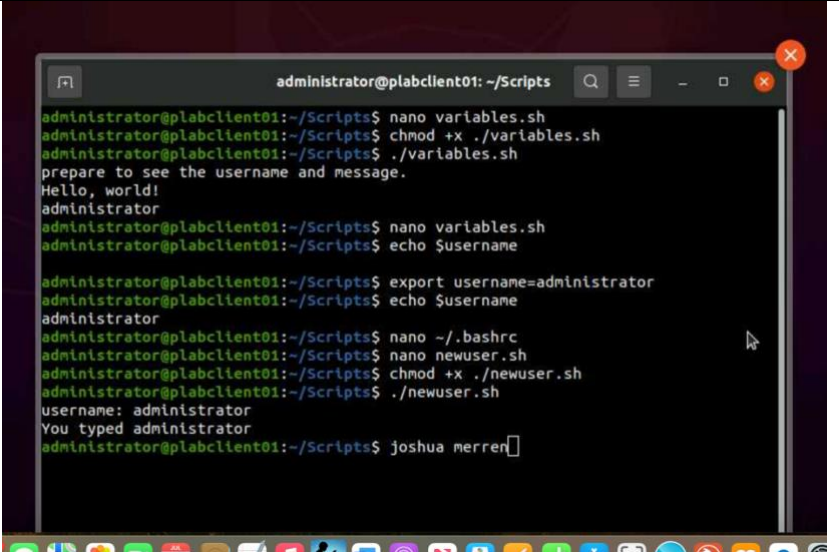
Complete this worksheet by replacing the bracketed phrases in the Response column with the relevant information. For all screenshots, include your name in the command line.

Lab: Linux Scripting Techniques

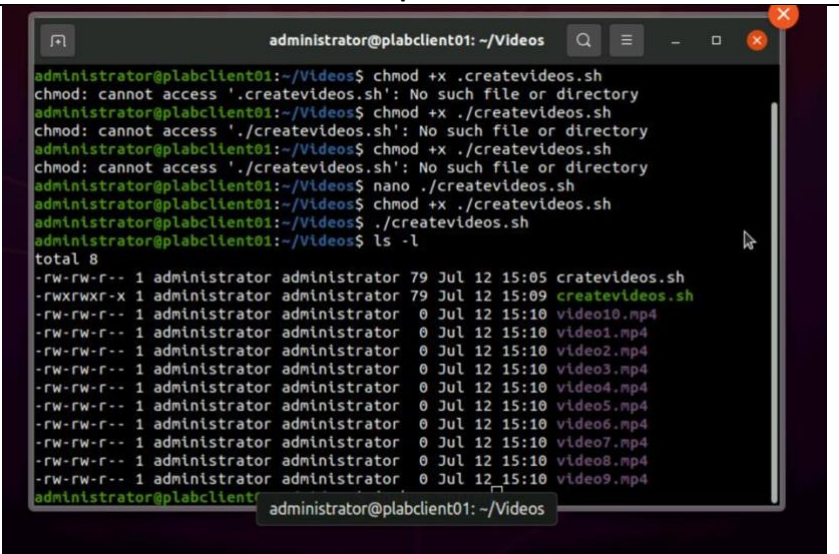
Exercise 3: Create a Non-Interactive Script

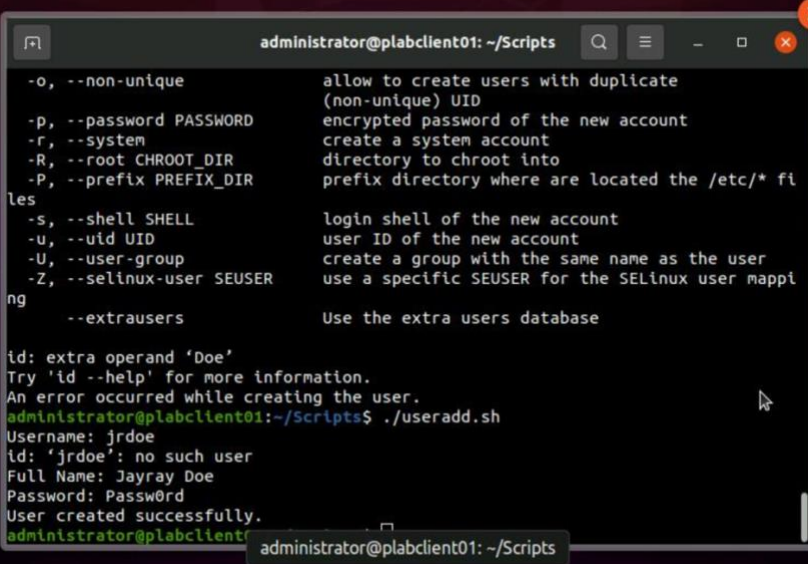
Prompt	Response
<p>Task 1: Create a "Hello, world!" Script: Provide a screenshot of Step 9 showing successful execution of the custom script. Add your name to the command line.</p>	 <pre> administrator@plabclient01: ~/Scripts administrator@plabclient01:~\$ mkdir ~/Scripts administrator@plabclient01:~\$ cd ~/Scripts administrator@plabclient01:~/Scripts\$ echo "Hellow, world!" Hellow, world! administrator@plabclient01:~/Scripts\$ uname Linux administrator@plabclient01:~/Scripts\$ nano ./example.sh administrator@plabclient01:~/Scripts\$ bash ./example.sh Hello, world! Linux administrator@plabclient01:~/Scripts\$ JOSHUA MERREN </pre>
<p>Task 2: Use Variables in a Script: Provide a screenshot of Step 4 showing successful execution of the custom script. Add your name to the command line.</p>	 <pre> administrator@plabclient01: ~/Scripts administrator@plabclient01:~/Scripts\$ nano variables.sh administrator@plabclient01:~/Scripts\$ chmod +x ./variables.sh administrator@plabclient01:~/Scripts\$./variables.sh prepare to see the username and message. Hello, world! administrator administrator@plabclient01:~/Scripts\$ joshua merren </pre>

Exercise 4: Create an Interactive Script

Prompt	Response
Task 1: Create a Script That Requires User Input: Provide a screenshot of Step 4 showing successful execution of the custom script. Add your name to the command line.	 <pre> administrator@plabclient01: ~/Scripts administrator@plabclient01:~/Scripts\$ nano variables.sh administrator@plabclient01:~/Scripts\$ chmod +x ./variables.sh administrator@plabclient01:~/Scripts\$./variables.sh prepare to see the username and message. Hello, world! administrator administrator@plabclient01:~/Scripts\$ nano variables.sh administrator@plabclient01:~/Scripts\$ echo \$username administrator administrator@plabclient01:~/Scripts\$ export username=administrator administrator@plabclient01:~/Scripts\$ echo \$username administrator administrator@plabclient01:~/Scripts\$ nano ~/.bashrc administrator@plabclient01:~/Scripts\$ nano newuser.sh administrator@plabclient01:~/Scripts\$ chmod +x ./newuser.sh administrator@plabclient01:~/Scripts\$./newuser.sh username: administrator You typed administrator administrator@plabclient01:~/Scripts\$ joshua merrin </pre>

Exercise 5: Create Scripts Using Loops and Conditions

Prompt	Response
Task 1: Create Scripts Using Loops: Provide a screenshot of Step 4 showing successful creation of 10 videos in the "Videos" folder. Add your name to the command line.	 <pre> administrator@plabclient01: ~/Videos administrator@plabclient01:~/Videos\$ chmod +x ./createvideos.sh chmod: cannot access './createvideos.sh': No such file or directory administrator@plabclient01:~/Videos\$ chmod +x ./createvideos.sh chmod: cannot access './createvideos.sh': No such file or directory administrator@plabclient01:~/Videos\$ chmod +x ./createvideos.sh chmod: cannot access './createvideos.sh': No such file or directory administrator@plabclient01:~/Videos\$ nano ./createvideos.sh administrator@plabclient01:~/Videos\$ chmod +x ./createvideos.sh administrator@plabclient01:~/Videos\$./createvideos.sh administrator@plabclient01:~/Videos\$ ls -l total 8 -rw-rw-r-- 1 administrator administrator 79 Jul 12 15:05 cratevideos.sh -rwxrwxr-x 1 administrator administrator 79 Jul 12 15:09 createvideos.sh -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video10.mp4 -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video1.mp4 -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video2.mp4 -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video3.mp4 -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video4.mp4 -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video5.mp4 -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video6.mp4 -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video7.mp4 -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video8.mp4 -rw-rw-r-- 1 administrator administrator 0 Jul 12 15:10 video9.mp4 administrator@plabclient01:~/Videos\$ </pre>

Prompt	Response
<p>Task 2: Create Scripts Using Conditions and User Interaction: Provide a screenshot of Step 7 showing successful execution of the custom script. Add your name to the command line.</p>	 <pre> administrator@plabclient01: ~/Scripts -o, --non-unique allow to create users with duplicate (non-unique) UID -p, --password PASSWORD encrypted password of the new account -r, --system create a system account -R, --root CHROOT_DIR directory to chroot into -P, --prefix PREFIX_DIR prefix directory where are located the /etc/* files -s, --shell SHELL login shell of the new account -u, --uid UID user ID of the new account -U, --user-group create a group with the same name as the user -Z, --selinux-user SEUSER use a specific SEUSER for the SELinux user mapping --extrausers Use the extra users database id: extra operand 'Doe' Try 'id --help' for more information. An error occurred while creating the user. administrator@plabclient01:~/Scripts\$./useradd.sh Username: jrdoe id: 'jrdoe': no such user Full Name: Jayray Doe Password: Passw0rd User created successfully. administrator@plabclient01:~/Scripts\$ </pre>