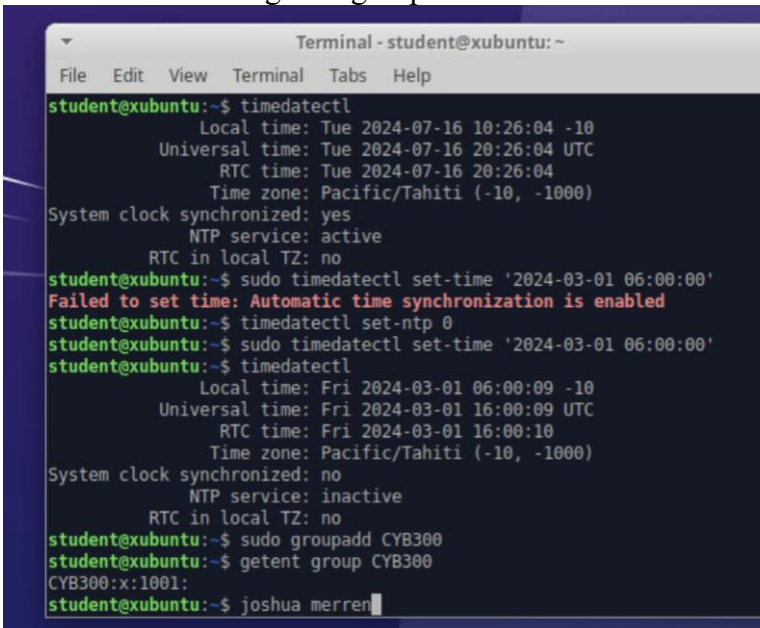
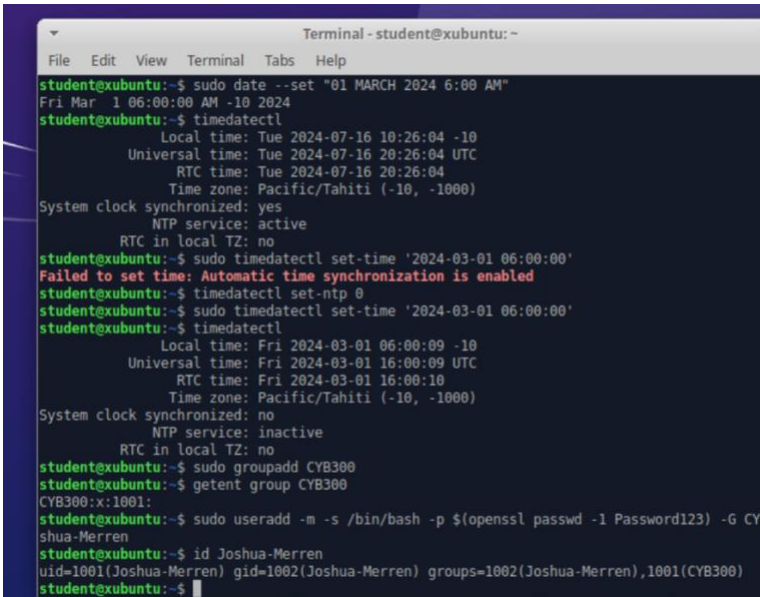




CYB 300 Milestone One Worksheet

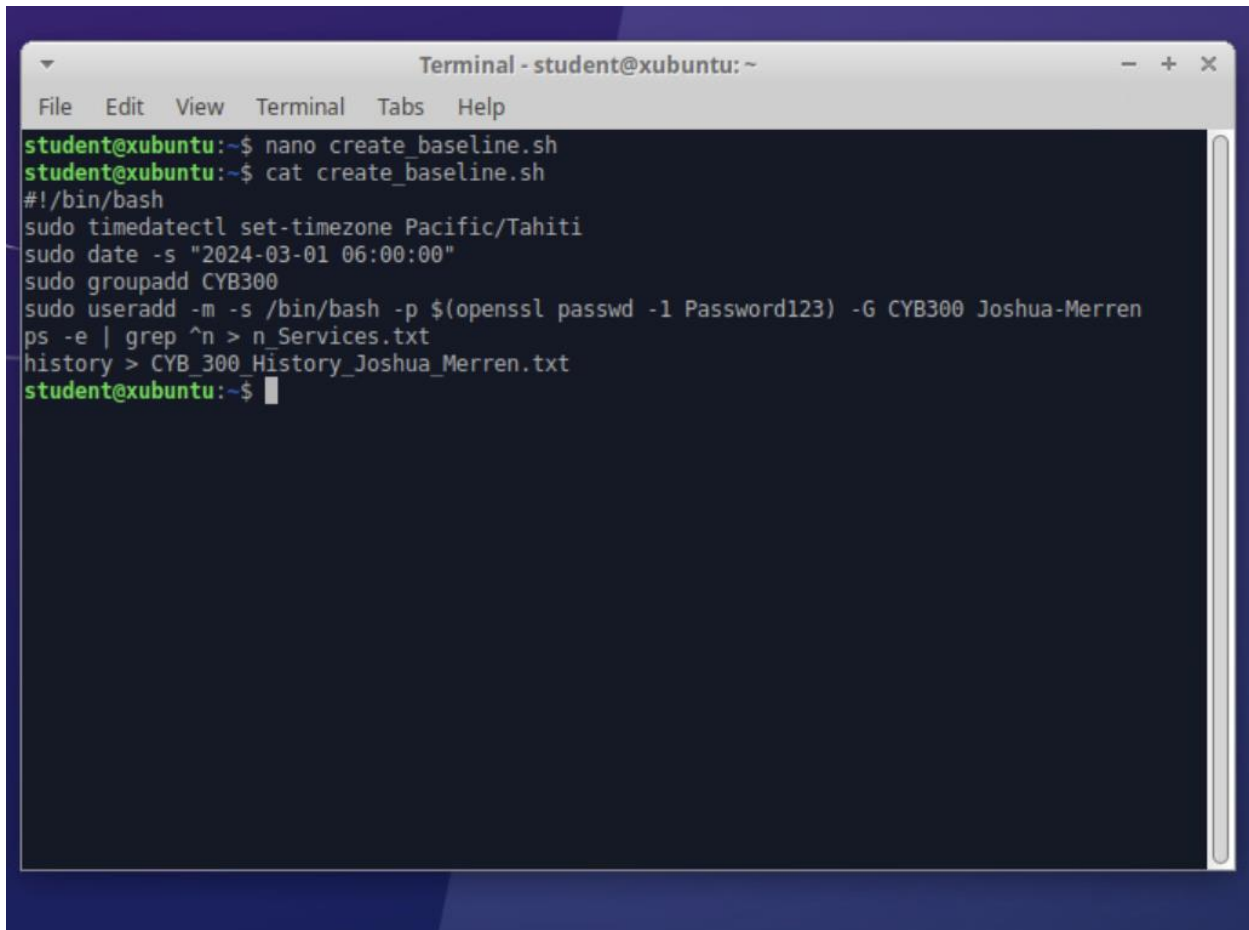
For each required script element, a command is given that will display the results of the script. Use this validation command as the source for your screenshot. Complete this worksheet by replacing the bracketed phrases in the Bash Script Statement and Screenshot columns with the relevant information.

Required Script Element	Bash Script Statement	Screenshot
Change time zone to Pacific/Tahiti Time	Sudo timedatectl set-timezone Pacific/Tahiti	<p>Validation command: timedatectl</p> <pre> Terminal - student@xubuntu: ~ File Edit View Terminal Tabs Help student@xubuntu:~\$ sudo timedatectl set-timezone Pacific/Tahiti [sudo] password for student: student@xubuntu:~\$ timedatectl Local time: Tue 2024-07-16 10:12:19 -10 Universal time: Tue 2024-07-16 20:12:19 UTC RTC time: Tue 2024-07-16 20:12:19 Time zone: Pacific/Tahiti (-10, -1000) System clock synchronized: yes NTP service: active RTC in local TZ: no student@xubuntu:~\$ Joshua Merren </pre>
Set date/time to 6:00 a.m. on March 1 of this year	sudo timedatectl set-time '2024-03-01 06:00:00'	<p>Validation command: timedatectl</p> <pre> Terminal - student@xubuntu: ~ File Edit View Terminal Tabs Help sudo: timedatectl: command not found student@xubuntu:~\$ sudo date --set "01 MARCH 2024 6:00 AM" Fri Mar 1 06:00:00 AM -10 2024 student@xubuntu:~\$ timedatectl Local time: Tue 2024-07-16 10:26:04 -10 Universal time: Tue 2024-07-16 20:26:04 UTC RTC time: Tue 2024-07-16 20:26:04 Time zone: Pacific/Tahiti (-10, -1000) System clock synchronized: yes NTP service: active RTC in local TZ: no student@xubuntu:~\$ sudo timedatectl set-time '2024-03-01 06:00:00' Failed to set time: Automatic time synchronization is enabled student@xubuntu:~\$ timedatectl set-ntp 0 student@xubuntu:~\$ sudo timedatectl set-time '2024-03-01 06:00:00' student@xubuntu:~\$ timedatectl Local time: Fri 2024-03-01 06:00:09 -10 Universal time: Fri 2024-03-01 16:00:09 UTC RTC time: Fri 2024-03-01 16:00:10 Time zone: Pacific/Tahiti (-10, -1000) System clock synchronized: no NTP service: inactive RTC in local TZ: no student@xubuntu:~\$ joshua merren </pre>

<p>Create a new user group called CYB300</p>	<p>sudo groupadd CYB300</p>	<p>Validation command: getent group CYB300</p>  <pre> Terminal - student@xubuntu: ~ File Edit View Terminal Tabs Help student@xubuntu:~\$ timedatectl Local time: Tue 2024-07-16 10:26:04 -10 Universal time: Tue 2024-07-16 20:26:04 UTC RTC time: Tue 2024-07-16 20:26:04 Time zone: Pacific/Tahiti (-10, -1000) System clock synchronized: yes NTP service: active RTC in local TZ: no student@xubuntu:~\$ sudo timedatectl set-time '2024-03-01 06:00:00' Failed to set time: Automatic time synchronization is enabled student@xubuntu:~\$ timedatectl set-ntp 0 student@xubuntu:~\$ sudo timedatectl set-time '2024-03-01 06:00:00' student@xubuntu:~\$ timedatectl Local time: Fri 2024-03-01 06:00:09 -10 Universal time: Fri 2024-03-01 16:00:09 UTC RTC time: Fri 2024-03-01 16:00:10 Time zone: Pacific/Tahiti (-10, -1000) System clock synchronized: no NTP service: inactive RTC in local TZ: no student@xubuntu:~\$ sudo groupadd CYB300 student@xubuntu:~\$ getent group CYB300 CYB300:x:1001: student@xubuntu:~\$ joshua merren </pre>
<p>Create a new local user with the following parameters:</p> <ul style="list-style-type: none"> Username: First-Name-Last-Name Password: Password123 Member of CYB300 group 	<p>sudo useradd -m -s /bin/bash -p \$(openssl passwd -1 Password123) -G CYB300 First-Name-Last-Name</p>	<p>Validation command: id <i>username</i></p>  <pre> Terminal - student@xubuntu: ~ File Edit View Terminal Tabs Help student@xubuntu:~\$ sudo date --set "01 MARCH 2024 6:00 AM" Fri Mar 1 06:00:00 AM -10 2024 student@xubuntu:~\$ timedatectl Local time: Tue 2024-07-16 10:26:04 -10 Universal time: Tue 2024-07-16 20:26:04 UTC RTC time: Tue 2024-07-16 20:26:04 Time zone: Pacific/Tahiti (-10, -1000) System clock synchronized: yes NTP service: active RTC in local TZ: no student@xubuntu:~\$ sudo timedatectl set-time '2024-03-01 06:00:00' Failed to set time: Automatic time synchronization is enabled student@xubuntu:~\$ timedatectl set-ntp 0 student@xubuntu:~\$ sudo timedatectl set-time '2024-03-01 06:00:00' student@xubuntu:~\$ timedatectl Local time: Fri 2024-03-01 06:00:09 -10 Universal time: Fri 2024-03-01 16:00:09 UTC RTC time: Fri 2024-03-01 16:00:10 Time zone: Pacific/Tahiti (-10, -1000) System clock synchronized: no NTP service: inactive RTC in local TZ: no student@xubuntu:~\$ sudo groupadd CYB300 student@xubuntu:~\$ getent group CYB300 CYB300:x:1001: student@xubuntu:~\$ sudo useradd -m -s /bin/bash -p \$(openssl passwd -1 Password123) -G CYB300 shua-Merren student@xubuntu:~\$ id Joshua-Merren uid=1001(Joshua-Merren) gid=1002(Joshua-Merren) groups=1002(Joshua-Merren),1001(CYB300) student@xubuntu:~\$ </pre>

<p>Display a list of running processes beginning with "n" and send them to a text file named "n_Services.txt"</p>	<pre>ps -e grep ^n > n_Services.txt</pre>	<p>Validation command: cat n_processes.txt</p> 
<p>Export Bash history to text file named "CYB_300_History_Firstname_Lastname.txt"</p>	<pre>history > CYB_300_History_Firstname_Lastname.txt</pre>	<p>Validation command: cat CYB_300_History_Firstname_Lastname.txt</p> 

Single executable script –

A terminal window titled "Terminal - student@xubuntu: ~" with a menu bar (File, Edit, View, Terminal, Tabs, Help). The terminal shows the following commands and output:

```
student@xubuntu:~$ nano create_baseline.sh
student@xubuntu:~$ cat create_baseline.sh
#!/bin/bash
sudo timedatectl set-timezone Pacific/Tahiti
sudo date -s "2024-03-01 06:00:00"
sudo groupadd CYB300
sudo useradd -m -s /bin/bash -p $(openssl passwd -1 Password123) -G CYB300 Joshua-Merren
ps -e | grep ^n > n_Services.txt
history > CYB_300_History_Joshua_Merren.txt
student@xubuntu:~$
```