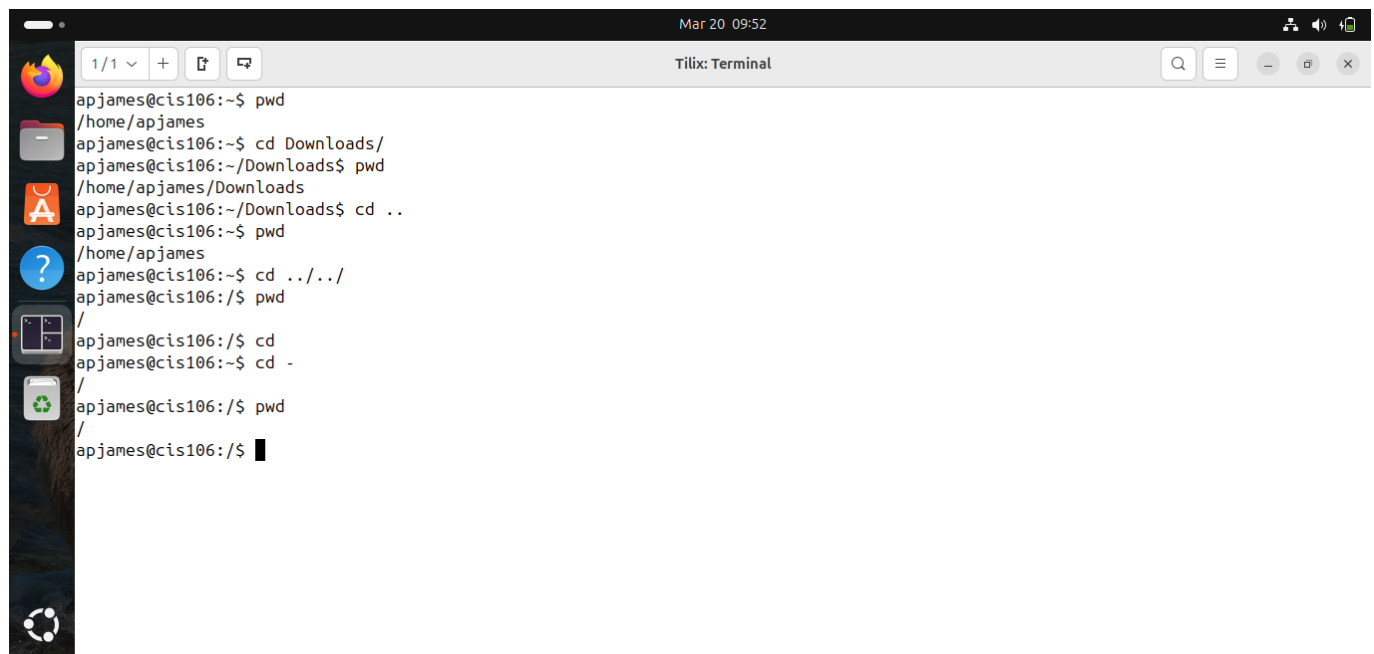


Week 4 Report

Practice

Practice 1



The screenshot shows a terminal window titled "Tilix: Terminal" with a timestamp of "Mar 20 09:52". The terminal displays a series of commands and their outputs, demonstrating directory navigation in a Linux environment. The user, identified as "apjames" on host "cis106", starts in the home directory "/home/apjames". They navigate to the "Downloads" directory, then back to the home directory, then to the root directory "/", and finally back to the home directory. The terminal output is as follows:

```
apjames@cis106:~$ pwd
/home/apjames
apjames@cis106:~$ cd Downloads/
apjames@cis106:~/Downloads$ pwd
/home/apjames/Downloads
apjames@cis106:~/Downloads$ cd ..
apjames@cis106:~$ pwd
/home/apjames
apjames@cis106:~$ cd ../../
apjames@cis106:/$ pwd
/
apjames@cis106:/$ cd
apjames@cis106:~$ cd -
/
apjames@cis106:/$ pwd
/
apjames@cis106:/$
```

Practice 2

```
Mar 20 10:19
Terminal
apjames@cis106:~$ wget https://cis106.com/assets/practicels.tar.xz
--2025-03-20 10:15:43-- https://cis106.com/assets/practicels.tar.xz
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)[185.199.108.153]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2229212 (2.1M) [application/x-xz]
Saving to: 'practicels.tar.xz.3'

practicels.tar 100%[====>] 2.12M 11.9MB/s in 0.2s

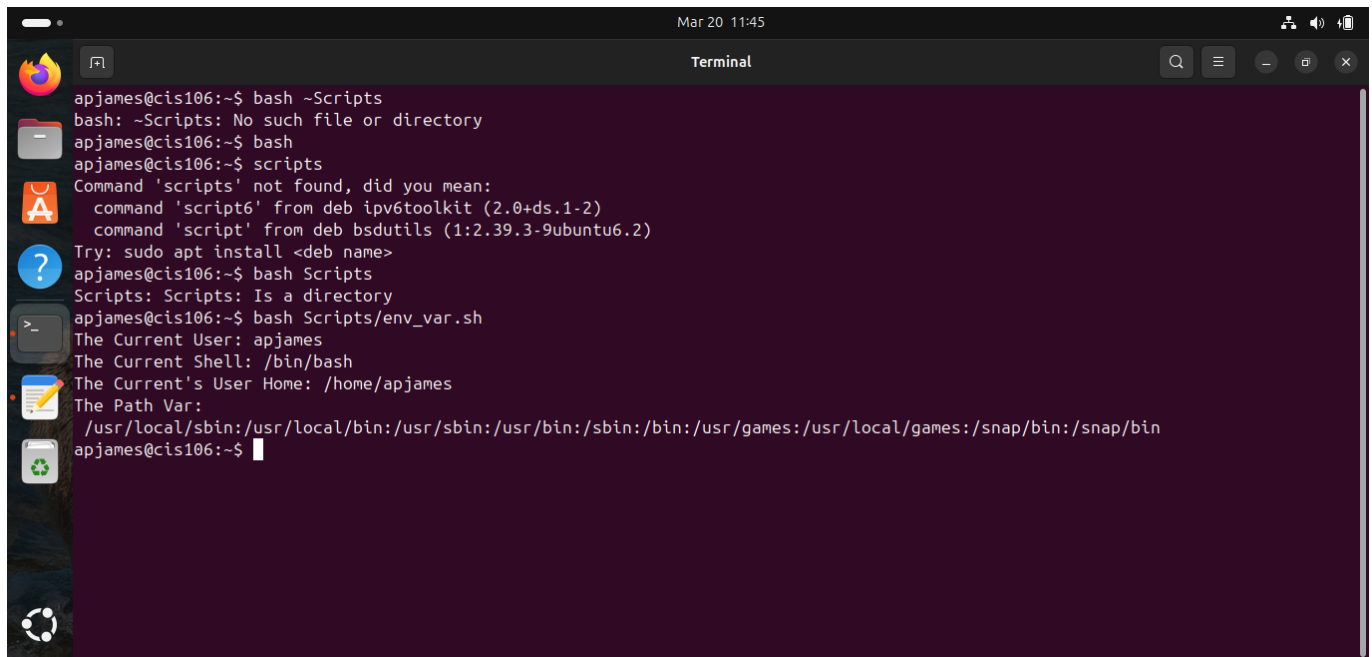
2025-03-20 10:15:43 (11.9 MB/s) - 'practicels.tar.xz.3' saved [2229212/2229212]

apjames@cis106:~$ tar Jxf practicels.tar.xz
apjames@cis106:~$ cd practicels/
apjames@cis106:~/practicels$ ls
book.txt          homework.docx     song.mp3
countries.xml     movie.mp4        tux-nobg.png
history-debian.pdf people.csv       tux-penguin.gif
apjames@cis106:~/practicels$ ls -la
.               countries.xml     movie.mp4        tux-nobg.png
..             history-debian.pdf people.csv       tux-penguin.gif
book.txt       homework.docx     song.mp3
apjames@cis106:~/practicels$ ls -l
total 2932
-rw-rw-r-- 1 apjames apjames 1043 Feb 27 2022 book.txt
-rw-rw-r-- 1 apjames apjames 23972 Feb 27 2022 countries.xml
```

```
Mar 20 10:19
Terminal
-rw-rw-r-- 1 apjames apjames 111303 Feb 22 2022 homework.docx
-rw-rw-r-- 1 apjames apjames 1570024 Feb 27 2022 movie.mp4
-rw-rw-r-- 1 apjames apjames 284042 Feb 27 2022 people.csv
-rw-rw-r-- 1 apjames apjames 764176 Feb 27 2022 song.mp3
-rw-rw-r-- 1 apjames apjames 21314 Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 apjames apjames 44299 Jan 31 2020 tux-penguin.gif
apjames@cis106:~/practicels$ ls -lh
total 2.9M
-rw-rw-r-- 1 apjames apjames 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 apjames apjames 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 apjames apjames 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 apjames apjames 109K Feb 22 2022 homework.docx
-rw-rw-r-- 1 apjames apjames 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 apjames apjames 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 apjames apjames 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 apjames apjames 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 apjames apjames 44K Jan 31 2020 tux-penguin.gif
apjames@cis106:~/practicels$ ls -lht
total 2.9M
-rw-rw-r-- 1 apjames apjames 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 apjames apjames 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 apjames apjames 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 apjames apjames 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 apjames apjames 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 apjames apjames 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 apjames apjames 1.1K Feb 27 2022 book.txt
```

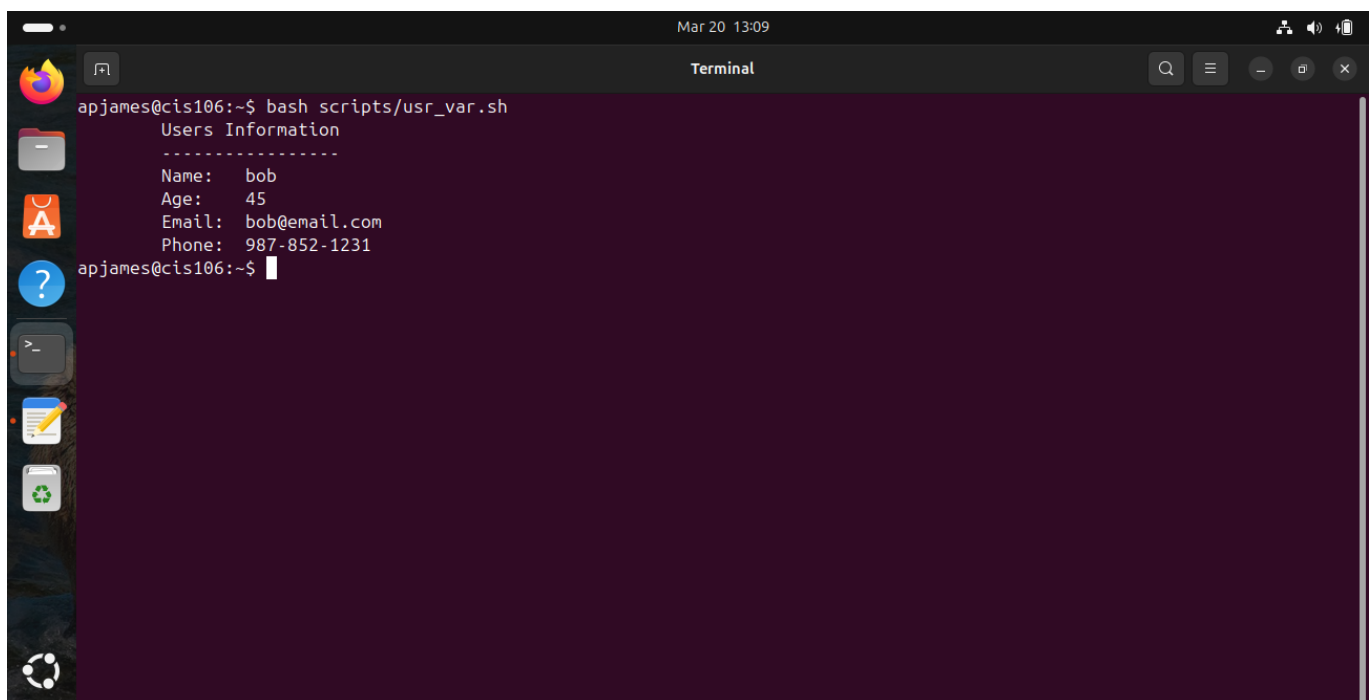
```
Mar 20 10:20
Terminal
-rw-rw-r-- 1 apjames apjames 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 apjames apjames 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 apjames apjames 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 apjames apjames 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 apjames apjames 109K Feb 22 2022 homework.docx
-rw-rw-r-- 1 apjames apjames 44K Jan 31 2020 tux-penguin.gif
apjames@cis106:~/practicels$ ls -lhG
total 2.9M
4.0K -rw-rw-r-- 1 1.1K Feb 27 2022 book.txt
24K -rw-rw-r-- 1 24K Feb 27 2022 countries.xml
160K -rw-rw-r-- 1 160K Feb 27 2022 history-debian.pdf
112K -rw-rw-r-- 1 109K Feb 22 2022 homework.docx
1.5M -rw-rw-r-- 1 1.5M Feb 27 2022 movie.mp4
280K -rw-rw-r-- 1 278K Feb 27 2022 people.csv
748K -rw-rw-r-- 1 747K Feb 27 2022 song.mp3
24K -rw-rw-r-- 1 21K Feb 27 2022 tux-nobg.png
44K -rw-rw-r-- 1 44K Jan 31 2020 tux-penguin.gif
apjames@cis106:~/practicels$ ls -mr
tux-penguin.gif, tux-nobg.png, song.mp3, people.csv,
movie.mp4, homework.docx, history-debian.pdf, countries.xml,
book.txt
apjames@cis106:~/practicels$ ls -lx
book.txt      countries.xml  history-debian.pdf
homework.docx movie.mp4      people.csv
song.mp3      tux-nobg.png  tux-penguin.gif
apjames@cis106:~/practicels$
```

Practice 3



```
apjames@cis106:~$ bash ~Scripts
bash: ~Scripts: No such file or directory
apjames@cis106:~$ bash
apjames@cis106:~$ scripts
Command 'scripts' not found, did you mean:
  command 'script6' from deb ipv6toolkit (2.0+ds.1-2)
  command 'script' from deb bsdutils (1:2.39.3-9ubuntu6.2)
Try: sudo apt install <deb name>
apjames@cis106:~$ bash Scripts
Scripts: Scripts: Is a directory
apjames@cis106:~$ bash Scripts/env_var.sh
The Current User: apjames
The Current Shell: /bin/bash
The Current's User Home: /home/apjames
The Path Var:
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin
apjames@cis106:~$
```

Practice 4



```
apjames@cis106:~$ bash scripts/usr_var.sh
Users Information
-----
Name:    bob
Age:     45
Email:   bob@email.com
Phone:   987-852-1231
apjames@cis106:~$
```