

# Week Report 4

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## Practice 1



A screenshot of a terminal window titled "Tilix: rtorres2@cis106: /". The terminal shows a series of commands and their outputs for navigating the file system. The user starts in the home directory, moves to the Downloads directory, then back to the home directory, then to the root directory, and finally back to the home directory. The terminal text is as follows:

```
1 / 1  +  [icon] [icon]
Tilix: rtorres2@cis106: /
1: rtorres2@cis106: /  [icon] [icon]
rtorres2@cis106:~$ pwd
/home/rtorres2
rtorres2@cis106:~$ cd Downloads/
rtorres2@cis106:~/Downloads$ pwd
/home/rtorres2/Downloads
rtorres2@cis106:~/Downloads$ cd ..
rtorres2@cis106:~$ pwd
/home/rtorres2
rtorres2@cis106:~$ cd ../../
rtorres2@cis106:/$ pwd
/
rtorres2@cis106:/$ cd
rtorres2@cis106:~$ cd -
/
rtorres2@cis106:/$ pwd
/
rtorres2@cis106:/$
```

## Practice 2

```
rtorres2@cis106: ~/practicels
rtorres2@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
rtorres2@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
rtorres2@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
rtorres2@cis106:~/practicels$ ls -1x
book.txt countries.xml history-debian.pdf homework.docx movie.mp4 people.csv
song.mp3 tux-nobg.png tux-penguin.gif
rtorres2@cis106:~/practicels$
```

## Challenge Practice

```

1/1  +  [Icons]  Tilix: rtorres2@cis106: ~
1: rtorres2@cis106: ~
rtorres2@cis106:~$ pwd
/home/rtorres2
rtorres2@cis106:~$ cd
rtorres2@cis106:~$ cd /
rtorres2@cis106:/$ cd usr/share/themes
rtorres2@cis106:/usr/share/themes$ cd ../../
rtorres2@cis106:/usr$ ls -A ~
.bash_history  .local          .sudo_as_admin_successful
.bash_logout  Music           Templates
.bashrc       Pictures        .vboxclient-clipboard-tty2-control.pid
.cache        .pki            .vboxclient-clipboard-tty2-service.pid
cis106        practice        .vboxclient-draganddrop-tty2-control.pid
.config       practicels       .vboxclient-draganddrop-tty2-service.pid
Desktop       practicels.tar.xz .vboxclient-hostversion-tty2-control.pid
Documents     practicemkdir    .vboxclient-seamless-tty2-control.pid
.dotnet       .profile        .vboxclient-seamless-tty2-service.pid
Downloads     Public           .vboxclient-vmvga-session-tty2-control.pid
.fontconfig   scripts          .vboxclient-vmvga-session-tty2-service.pid
.gitconfig    script.sh        Videos
.gnupg        snap             .vscode
.lessshst     .ssh             wildcardpractice

rtorres2@cis106:/usr$ cd; ls -tX cis106/
cheatSheets  finalproject  labs  notes  practicemkdir  weekReports
rtorres2@cis106:~$ ls -lh ~
total 2.2M
drwxrwxr-x 9 rtorres2 rtorres2 4.0K Mar  7 17:50 cis106
drwxr-xr-x 2 rtorres2 rtorres2 4.0K Feb 25 10:47 Desktop
drwxr-xr-x 2 rtorres2 rtorres2 4.0K Feb 10 23:28 Documents
drwxr-xr-x 2 rtorres2 rtorres2 4.0K Feb 27 19:40 Downloads
drwxr-xr-x 2 rtorres2 rtorres2 4.0K Feb 10 21:20 Music
drwxr-xr-x 4 rtorres2 rtorres2 4.0K Feb 25 10:43 Pictures
-rw-rw-r-- 1 rtorres2 rtorres2 130 Feb 27 00:54 practice
drwxrwxr-x 2 rtorres2 rtorres2 4.0K Feb 27 2022 practicels
-rw-rw-r-- 1 rtorres2 rtorres2 2.2M Mar 14 13:02 practicels.tar.xz
drwxrwxr-x 11 rtorres2 rtorres2 4.0K Mar  7 18:08 practicemkdir
drwxr-xr-x 2 rtorres2 rtorres2 4.0K Feb 10 21:20 Public
drwxrwxr-x 2 rtorres2 rtorres2 4.0K Mar 14 18:48 scripts
-rw-rw-r-- 1 rtorres2 rtorres2 329 Feb 10 22:00 script.sh
drwx----- 5 rtorres2 rtorres2 4.0K Feb 27 22:39 snap
drwxr-xr-x 2 rtorres2 rtorres2 4.0K Feb 10 21:20 Templates
drwxr-xr-x 2 rtorres2 rtorres2 4.0K Feb 10 21:20 Videos
drwxrwxr-x 2 rtorres2 rtorres2 4.0K Mar 14 18:21 wildcardpractice

```

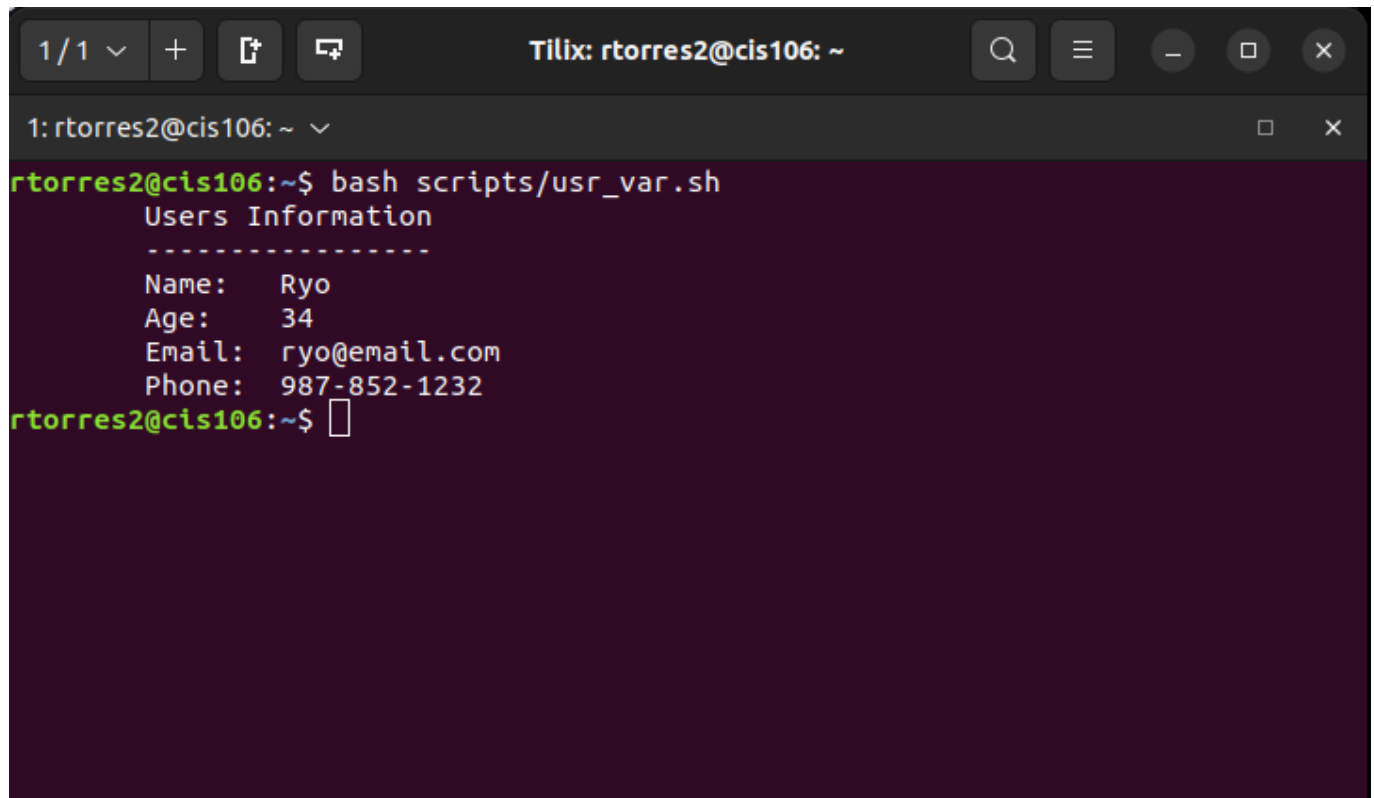
## Practice 3

```

1/1  +  [Icons]  Tilix: rtorres2@cis106: ~
1: rtorres2@cis106: ~
rtorres2@cis106:~$ bash scripts
scripts: scripts: Is a directory
rtorres2@cis106:~$ bash scripts/env_var.sh
The Current User: rtorres2
The Current Shell: /bin/bash
The Current's User Home: /home/rtorres2
The Path Var:
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin
rtorres2@cis106:~$

```

## Practice 4

A terminal window titled "Tilix: rtorres2@cis106: ~" with standard window controls. The terminal shows a user running a script "scripts/usr\_var.sh". The script outputs "Users Information" followed by a dashed line and personal details for a user named Ryo. The prompt returns to the shell.

```
1 / 1  +  [icon] [icon]  Tilix: rtorres2@cis106: ~  [search] [menu] [minus] [maximize] [close]

1: rtorres2@cis106: ~  [icon] [close]

rtorres2@cis106:~$ bash scripts/usr_var.sh
  Users Information
  -----
  Name:    Ryo
  Age:     34
  Email:   ryo@email.com
  Phone:   987-852-1232
rtorres2@cis106:~$ [cursor]
```