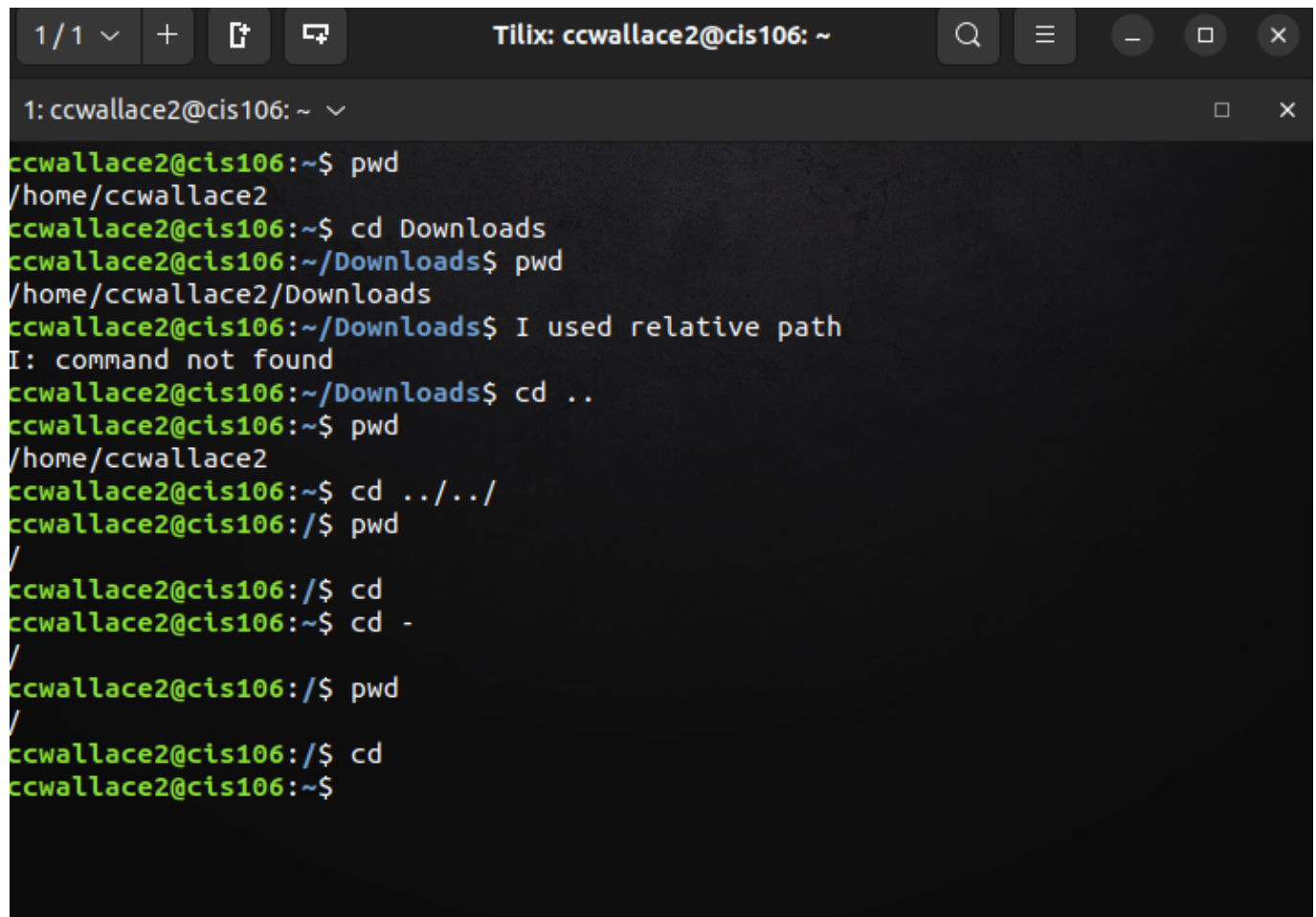


Week Report 4

Practice 1

A screenshot of a terminal window titled "Tilix: ccwallace2@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, and then navigates up and down the directory tree using relative paths. A comment is added to the output of the 'cd Downloads' command.

```
1 / 1  +  [icon] [icon]  Tilix: ccwallace2@cis106: ~  [search] [menu] [back] [forward] [close]

1: ccwallace2@cis106: ~  [close]

ccwallace2@cis106:~$ pwd
/home/ccwallace2
ccwallace2@cis106:~$ cd Downloads
ccwallace2@cis106:~/Downloads$ pwd
/home/ccwallace2/Downloads
ccwallace2@cis106:~/Downloads$ I used relative path
I: command not found
ccwallace2@cis106:~/Downloads$ cd ..
ccwallace2@cis106:~$ pwd
/home/ccwallace2
ccwallace2@cis106:~$ cd ../../
ccwallace2@cis106:/$ pwd
/
ccwallace2@cis106:/$ cd
ccwallace2@cis106:~$ cd -
/
ccwallace2@cis106:/$ pwd
/
ccwallace2@cis106:/$ cd
ccwallace2@cis106:~$
```

Practice 2



```

1: ccwallace2@cis106: ~/practicels
-rw-rw-r-- 1 ccwallace2 ccwallace2 284042 Feb 27 2022 people.csv
-rw-rw-r-- 1 ccwallace2 ccwallace2 764176 Feb 27 2022 song.mp3
-rw-rw-r-- 1 ccwallace2 ccwallace2 21314 Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 ccwallace2 ccwallace2 44299 Jan 31 2020 tux-penguin.gif
ccwallace2@cis106:~/practicels$ ls -lh
total 2.9M
-rw-rw-r-- 1 ccwallace2 ccwallace2 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 ccwallace2 ccwallace2 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 ccwallace2 ccwallace2 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 ccwallace2 ccwallace2 109K Feb 22 2022 homework.docx
-rw-rw-r-- 1 ccwallace2 ccwallace2 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 ccwallace2 ccwallace2 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 ccwallace2 ccwallace2 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 ccwallace2 ccwallace2 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 ccwallace2 ccwallace2 44K Jan 31 2020 tux-penguin.gif
ccwallace2@cis106:~/practicels$ ls -lht
total 2.9M
-rw-rw-r-- 1 ccwallace2 ccwallace2 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 ccwallace2 ccwallace2 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 ccwallace2 ccwallace2 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 ccwallace2 ccwallace2 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 ccwallace2 ccwallace2 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 ccwallace2 ccwallace2 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 ccwallace2 ccwallace2 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 ccwallace2 ccwallace2 109K Feb 22 2022 homework.docx
-rw-rw-r-- 1 ccwallace2 ccwallace2 44K Jan 31 2020 tux-penguin.gif
ccwallace2@cis106:~/practicels$ ls -lhGS
total 2.9M
-rw-rw-r-- 1 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 109K Feb 22 2022 homework.docx
-rw-rw-r-- 1 44K Jan 31 2020 tux-penguin.gif
-rw-rw-r-- 1 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 1.1K Feb 27 2022 book.txt
ccwallace2@cis106:~/practicels$ ls -nr
tux-penguin.gif, tux-nobg.png, song.mp3, people.csv, movie.mp4, homework.docx,
history-debian.pdf, countries.xml, book.txt
ccwallace2@cis106:~/practicels$ ls -lX
people.csv
homework.docx
tux-penguin.gif
song.mp3
movie.mp4
history-debian.pdf
tux-nobg.png
book.txt
countries.xml
ccwallace2@cis106:~/practicels$ _

```

Challenge Practice

```

1/1 + [ ] [ ] Tilix: ccwallace2@cis106: ~
1: ccwallace2@cis106: ~
ccwallace2@cis106:~$ pwd
/home/ccwallace2
ccwallace2@cis106:~$ cd /
ccwallace2@cis106:~$ cd /usr/share/themes
ccwallace2@cis106:/usr/share/themes$ cd ../../
ccwallace2@cis106:/usr$ ls -A ~
bash_history  Documents          Music              script.sh          .vboxclient-draganddrop-tty2-service.pid
bash_logout  .dotnet           Pictures          snap              .vboxclient-hostversion-tty2-control.pid
bashrc       Downloads         .pki             .ssh             .vboxclient-seamless-tty2-control.pid
bashscript.sh .gitconfig        practicels       .sudo_as_admin_successful .vboxclient-seamless-tty2-service.pid
cache        github_cheat_sheet.txt practicels.tar.xz Templates         .vboxclient-clipboard-tty2-control.pid
cis106       .gnupg           .profile         .vboxclient-clipboard-tty2-service.pid .vboxclient-vmvga-session-tty2-service.pid
config       .lessht         Public          Videos
esktop      .local          scripts         .vscode
ccwallace2@cis106:/usr$ cd: ls -tX cis106/
ommand 'cd:' not found, did you mean:
  command 'cdw' from deb cdw (0.8.1-2)
  command 'cde' from deb cde (0.1+git9-g551e54d-1.2)
  command 'cdi' from deb cdo (2.0.4-1)
  command 'cdb' from deb tinycdb (0.78build3)
  command 'cd5' from deb cd5 (0.1-4)
  command 'cdp' from deb irpas (0.10-9)
  command 'cdo' from deb cdo (2.0.4-1)
ry: sudo apt install <deb name>
ccwallace2@cis106:/usr$ cd; ls -tX cis106/
heatSheets  classsscreenshots finalProject labs notes weekReports
ccwallace2@cis106:~$ ls -lR ~/cis106/
/home/ccwallace2/cis106/:
weekReports notes labs finalProject classsscreenshots cheatSheets

/home/ccwallace2/cis106/weekReports:
r4 wr3 wr2 wr1

/home/ccwallace2/cis106/weekReports/wr4:
r4p2p2.png wr4p2p1.png wr4p1.png wr4.md

/home/ccwallace2/cis106/weekReports/wr3:
r3.pdf practice7-Bash.png practice5-Bash.png practice3-Bash.png p3man.png p1man.png
r3.md practice6-Bash.png practice4-Bash.png practice2-Bash.png p2man.png

/home/ccwallace2/cis106/weekReports/wr2:
r2.pdf wr2.md

/home/ccwallace2/cis106/weekReports/wr1:
r1.pdf wr1.md slack.png github.PNG

```

```

/home/ccwallace2/cis106/labs:
lab3 lab2 lab1

/home/ccwallace2/cis106/labs/lab3:
q4.png q3.png q2.png q1.2.png lab3-script.sh lab3.pdf lab3.md challenge_lab3.sh

/home/ccwallace2/cis106/labs/lab2:
script.png neofetch.png lab2.pdf lab2.md

/home/ccwallace2/cis106/labs/lab1:
ubunu.md ubuntu.txt ubuntu.pdf ubuntu.md UbuntuLogo.svg UbuntuDesktop.png resume.png resume.pdf resume.md johndoe.jpeg johndoeinfo.txt

/home/ccwallace2/cis106/finalProject:

/home/ccwallace2/cis106/classsscreenshots:
1.29

/home/ccwallace2/cis106/classsscreenshots/1.29:
'Screenshot from 2024-02-29 18-44-10.png' 'Screenshot from 2024-02-29 18-10-54.png'

/home/ccwallace2/cis106/cheatSheets:
'Screenshot 2024-02-29 at 18-52-13 The Linux File system.png' LinuxVisualAid.png
'Screenshot 2024-02-29 at 18-52-02 The Linux File system.png' installationcheatsheet.png
'Markdown Cheat sheet For CIS 106 Linux Fundamentals.png'

ccwallace2@cis106:~$ ls -lh ~
total 2.2M
-rw-rw-r-- 1 ccwallace2 ccwallace2 207 Feb  8 18:43 bashscript.sh
drwxrwxr-x 9 ccwallace2 ccwallace2 4.0K Mar  6 21:55 cis106
drwxr-xr-x 2 ccwallace2 ccwallace2 4.0K Feb 16 15:33 Desktop
drwxr-xr-x 2 ccwallace2 ccwallace2 4.0K Feb  4 17:35 Documents
drwxr-xr-x 2 ccwallace2 ccwallace2 4.0K Feb 29 18:52 Downloads
-rw-rw-r-- 1 ccwallace2 ccwallace2 967 Feb  4 18:30 github_cheat_sheet.txt
drwxr-xr-x 2 ccwallace2 ccwallace2 4.0K Feb  4 17:35 Music
drwxr-xr-x 3 ccwallace2 ccwallace2 4.0K Feb 29 18:44 Pictures
drwxrwxr-x 2 ccwallace2 ccwallace2 4.0K Feb 27 2022 practicels
-rw-rw-r-- 1 ccwallace2 ccwallace2 2.2M Mar  4 21:36 practicels.tar.xz
drwxr-xr-x 2 ccwallace2 ccwallace2 4.0K Feb  4 17:35 Public
drwxrwxr-x 2 ccwallace2 ccwallace2 4.0K Feb 29 18:42 scripts
-rw-rw-r-- 1 ccwallace2 ccwallace2 330 Feb  4 17:52 script.sh
drwx----- 6 ccwallace2 ccwallace2 4.0K Feb 16 17:30 snap
drwxr-xr-x 2 ccwallace2 ccwallace2 4.0K Feb  4 17:35 Templates
drwxr-xr-x 2 ccwallace2 ccwallace2 4.0K Feb  4 17:35 Videos
ccwallace2@cis106:~$ ls -lg -full-time ~
ls: invalid option -- 'l'

```

Practice 3

```
1/1 v + [ ] [ ] Tilix: ccwallace2@cis106: ~
1: ccwallace2@cis106: ~ v
ccwallace2@cis106:~$ bash scripts/pr3script_env_var.sh
the current user is: ccwallace2
the current shell is: /bin/bash
the current user's home directory's absolute path is: /home/ccwallace2
the path variable is: /usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin
ccwallace2@cis106:~$ _
```

Practice 4

```
1/1 v + [ ] [ ] Tilix: ccwallace2@cis106: ~
1: ccwallace2@cis106: ~ v
ccwallace2@cis106:~$ bash scripts/script_usr_var.sh
User Information
- - - - -
Name:    Billy
Age:     21
Email Address:  billy@gmail.com
Phone Number:  201-555-7098
ccwallace2@cis106:~$ _
```