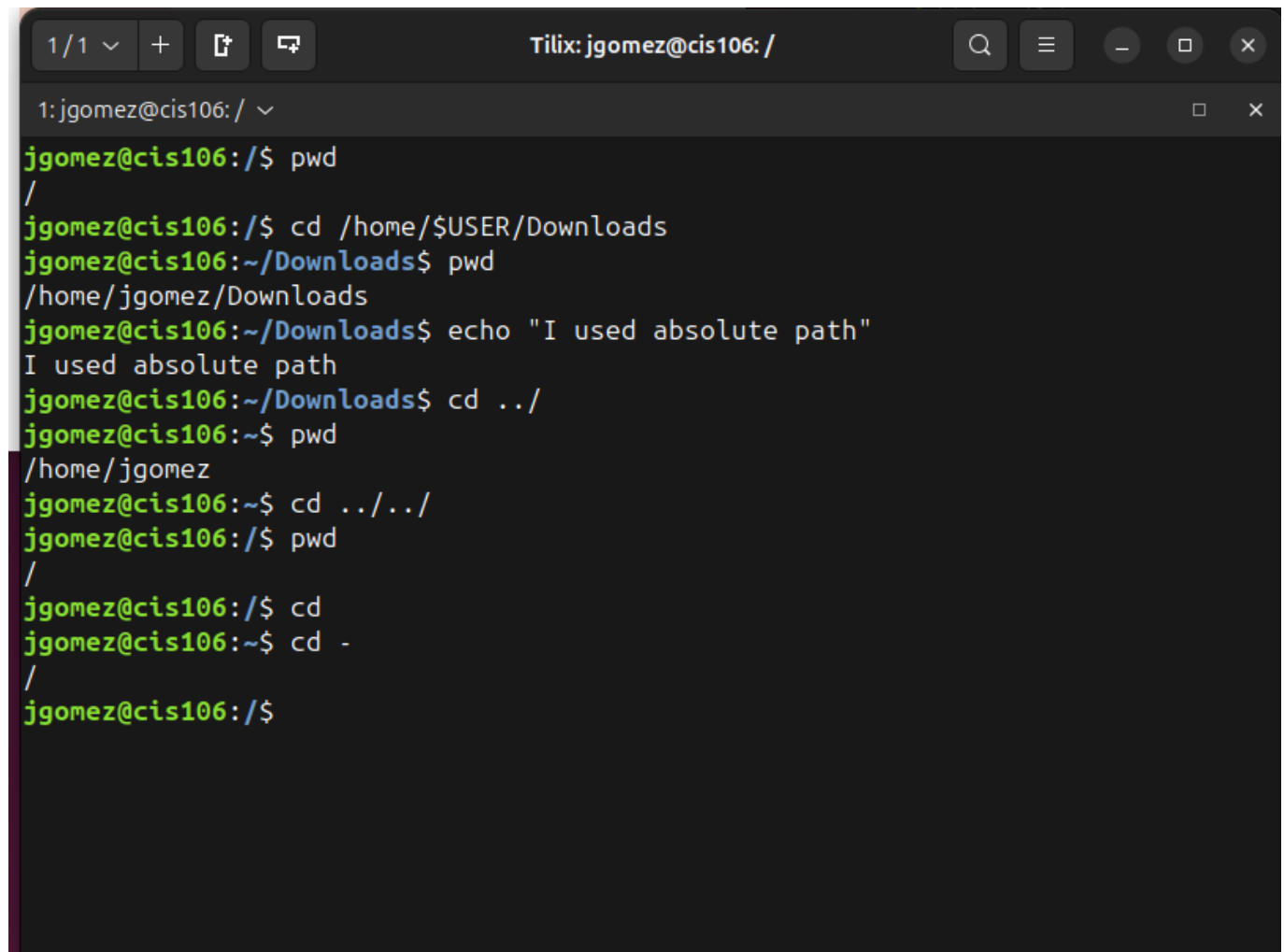


Week Report 4

Practice 1



```
1/1  +  [icon] [icon]  Tilix: jgomez@cis106: /  [search] [menu] [back] [forward] [close]
1: jgomez@cis106: /  [close] [close]
jgomez@cis106:/$ pwd
/
jgomez@cis106:/$ cd /home/$USER/Downloads
jgomez@cis106:~/Downloads$ pwd
/home/jgomez/Downloads
jgomez@cis106:~/Downloads$ echo "I used absolute path"
I used absolute path
jgomez@cis106:~/Downloads$ cd ../
jgomez@cis106:~$ pwd
/home/jgomez
jgomez@cis106:~$ cd ../../
jgomez@cis106:/$ pwd
/
jgomez@cis106:/$ cd
jgomez@cis106:~$ cd -
/
jgomez@cis106:/$
```

Practice 2

```
jgomez@cis106: ~/practicels
jgomez@cis106:~$ wget https://cis106.com/assets/practicels.tar.xz
--2024-10-19 22:52:11-- 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'

practicels.tar.xz 100%[=====] 2.12M 7.34MB/s in 0.3s

2024-10-19 22:52:14 (7.34 MB/s) - 'practicels.tar.xz' saved [2229212/2229212]

jgomez@cis106:~$ tar -xvf practicels.tar.xz
jgomez@cis106:~$ cd practicels/
jgomez@cis106:~/practicels$ ls
book.txt      history-debian.pdf  movie.mp4  song.mp3      tux-penguin.gif
countries.xml  homework.docx       people.csv  tux-nobg.png
jgomez@cis106:~/practicels$ ls -la
total 2932
-rw-rw-r-- 1 jgomez jgomez 1043 Feb 27 2022 book.txt
-rw-rw-r-- 1 jgomez jgomez 23972 Feb 27 2022 countries.xml
-rw-rw-r-- 1 jgomez jgomez 163057 Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 jgomez jgomez 111303 Feb 22 2022 homework.docx
-rw-rw-r-- 1 jgomez jgomez 1578024 Feb 27 2022 movie.mp4
-rw-rw-r-- 1 jgomez jgomez 284042 Feb 27 2022 people.csv
-rw-rw-r-- 1 jgomez jgomez 76476 Feb 27 2022 song.mp3
-rw-rw-r-- 1 jgomez jgomez 21314 Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 jgomez jgomez 44299 Jan 31 2020 tux-penguin.gif
jgomez@cis106:~/practicels$ ls -lh
total 2.9M
-rw-rw-r-- 1 jgomez jgomez 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 jgomez jgomez 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 jgomez jgomez 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 jgomez jgomez 189K Feb 22 2022 homework.docx
-rw-rw-r-- 1 jgomez jgomez 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 jgomez jgomez 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 jgomez jgomez 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 jgomez jgomez 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 jgomez jgomez 44K Jan 31 2020 tux-penguin.gif
jgomez@cis106:~/practicels$ ls -lht
total 2.9M
-rw-rw-r-- 1 jgomez jgomez 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 jgomez jgomez 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 jgomez jgomez 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 jgomez jgomez 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 jgomez jgomez 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 jgomez jgomez 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 jgomez jgomez 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 jgomez jgomez 189K Feb 22 2022 homework.docx
-rw-rw-r-- 1 jgomez jgomez 44K Jan 31 2020 tux-penguin.gif
jgomez@cis106:~/practicels$ ls -lhG
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
jgomez@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
jgomez@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
jgomez@cis106:~/practicels$
```

Challenge Practice

```
1/1 v + [ ] [ ] Tilix: jgomez@cis106: ~  
1: jgomez@cis106: ~ v  
jgomez@cis106:/$ pwd  
/  
jgomez@cis106:/$ cd  
jgomez@cis106:~$ cd /  
jgomez@cis106:/$ cd usr/share/themes  
jgomez@cis106:/usr/share/themes$ cd ../../..  
jgomez@cis106:/usr$ ls -A ~  
.bash_history  practicels.tar.xz  
.bash_logout  .profile  
.bashrc       Public  
bobsburgers   scripts  
.cache        snap  
cis106        .ssh  
.config       .sudo_as_admin_successful  
Desktop       Templates  
Documents     .vboxclient-clipboard-tty2-control.pid  
.dotnet       .vboxclient-clipboard-tty2-service.pid  
Downloads     .vboxclient-draganddrop-tty2-control.pid  
.gitconfig    .vboxclient-hostversion-tty2-control.pid  
.gnupg        .vboxclient-seamless-tty2-control.pid  
.lessht       .vboxclient-vmsvga-session-tty2-control.pid  
.local        .vboxclient-vmsvga-session-tty2-service.pid  
Music         Videos  
Pictures      .vscode  
.pki          .wget-hsts  
practicels  
jgomez@cis106:/usr$ cd; ls -tX cis106  
cheatSheets  labs  notes  weekReports
```

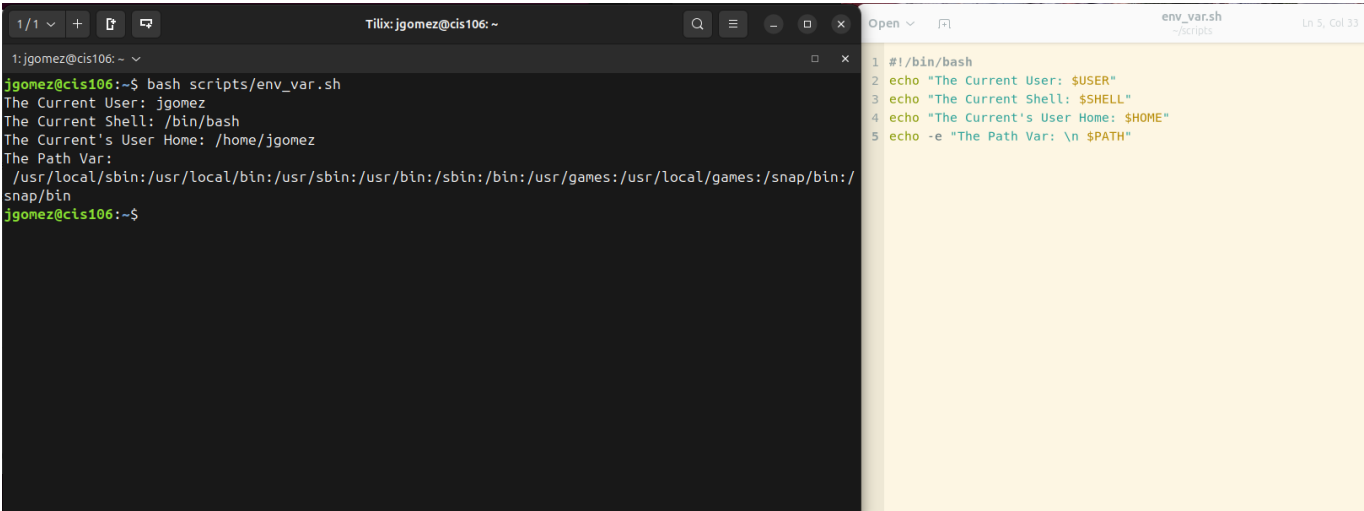
```
1/1 v + [ ] [ ] Tilix: jgomez@cis106: ~  
1: jgomez@cis106: ~ v  
jgomez@cis106:~$ ls -rR ~/cis106/  
/home/jgomez/cis106/:  
weekReports  notes  labs  cheatSheets  
  
/home/jgomez/cis106/weekReports:  
wr4  wr3  wr2  wr1  
  
/home/jgomez/cis106/weekReports/wr4:  
wr4.md  practice2.png  practice1.png  practice1.4.png  
  
/home/jgomez/cis106/weekReports/wr3:  
wr3.pdf  practice6.png  practice3.png  practice1.png  
wr3.md   practice5.png  practice3.1.png  practice1.1.png  
practice7.png  practice4.png  practice2.png  practice1.1b.png  
  
/home/jgomez/cis106/weekReports/wr2:  
wr2.pdf  wr2.md  
  
/home/jgomez/cis106/weekReports/wr1:  
wr1.pdf  wr1.md  slack.png  github.png  
  
/home/jgomez/cis106/notes:  
notes3  notes2  notes1  
  
/home/jgomez/cis106/notes/notes3:  
notes3.pdf  notes3.md  
  
/home/jgomez/cis106/notes/notes2:  
notes2.pdf  notes2.md  
  
/home/jgomez/cis106/notes/notes1:  
notes1.pdf  notes1.md  
  
/home/jgomez/cis106/labs:  
lab3  lab2  lab1  
  
/home/jgomez/cis106/labs/lab3:  
q4.1.png  q2.1.png  lab3.pdf  challenge_lab3.sh  
q3.1.png  lab3-script1.sh  lab3.md  
  
/home/jgomez/cis106/labs/lab2:  
script.png  lab2.pdf  lab2.md  cpufetch.png  
  
/home/jgomez/cis106/labs/lab1:  
ubuntu.txt  UbuntuLogo.svg  resume.pdf  johndoeinfo.txt
```

```
ubuntu.pdf  UbuntuDesktop.png  resume.md
ubuntu.md   resume.png                 johndoe.jpeg

/home/jgomez/cis106/cheatSheets:
'Markdown Cheat sheet For CIS 106 Linux Fundamentals.png'
'Linux Workshop _ Ubuntu Software installation cheat sheet.png'
```

```
jgomez@cis106:~$ ls -lh ~
total 2.2M
drwxrwxr-x 6 jgomez jgomez 4.0K Oct 17 18:31 bobsburgers
drwxrwxr-x 7 jgomez jgomez 4.0K Oct 15 23:11 cis106
drwxr-xr-x 2 jgomez jgomez 4.0K Sep 24 00:46 Desktop
drwxr-xr-x 2 jgomez jgomez 4.0K Oct 17 18:43 Documents
drwxr-xr-x 5 jgomez jgomez 4.0K Oct 17 18:52 Downloads
drwxr-xr-x 2 jgomez jgomez 4.0K Oct 17 18:43 Music
drwxr-xr-x 3 jgomez jgomez 4.0K Oct 17 18:47 Pictures
drwxrwxr-x 2 jgomez jgomez 4.0K Feb 27 2022 practicels
-rw-rw-r-- 1 jgomez jgomez 2.2M Oct 8 21:57 practicels.tar.xz
drwxr-xr-x 2 jgomez jgomez 4.0K Sep 24 00:46 Public
drwxrwxr-x 2 jgomez jgomez 4.0K Oct 17 18:00 scripts
drwx----- 6 jgomez jgomez 4.0K Oct 10 23:11 snap
drwxr-xr-x 2 jgomez jgomez 4.0K Sep 24 00:46 Templates
drwxr-xr-x 2 jgomez jgomez 4.0K Oct 17 18:43 Videos
jgomez@cis106:~$ ls -lgG --full-time ~
total 2232
drwxrwxr-x 6      4096 2024-10-17 18:31:51.659938182 -0400 bobsburgers
drwxrwxr-x 7      4096 2024-10-15 23:11:54.009762088 -0400 cis106
drwxr-xr-x 2      4096 2024-09-24 00:46:27.139997791 -0400 Desktop
drwxr-xr-x 2      4096 2024-10-17 18:43:54.651384814 -0400 Documents
drwxr-xr-x 5      4096 2024-10-17 18:52:30.704437477 -0400 Downloads
drwxr-xr-x 2      4096 2024-10-17 18:43:54.651384814 -0400 Music
drwxr-xr-x 3      4096 2024-10-17 18:47:46.404408465 -0400 Pictures
drwxrwxr-x 2      4096 2022-02-27 13:46:18.000000000 -0500 practicels
-rw-rw-r-- 1 2229212 2024-10-08 21:57:00.000000000 -0400 practicels.tar.xz
drwxr-xr-x 2      4096 2024-09-24 00:46:27.139997791 -0400 Public
drwxrwxr-x 2      4096 2024-10-17 18:00:41.098921650 -0400 scripts
drwx----- 6      4096 2024-10-10 23:11:06.954174354 -0400 snap
drwxr-xr-x 2      4096 2024-09-24 00:46:27.139997791 -0400 Templates
drwxr-xr-x 2      4096 2024-10-17 18:43:54.651384814 -0400 Videos
jgomez@cis106:~$
```

Practice 3



Practice 4

