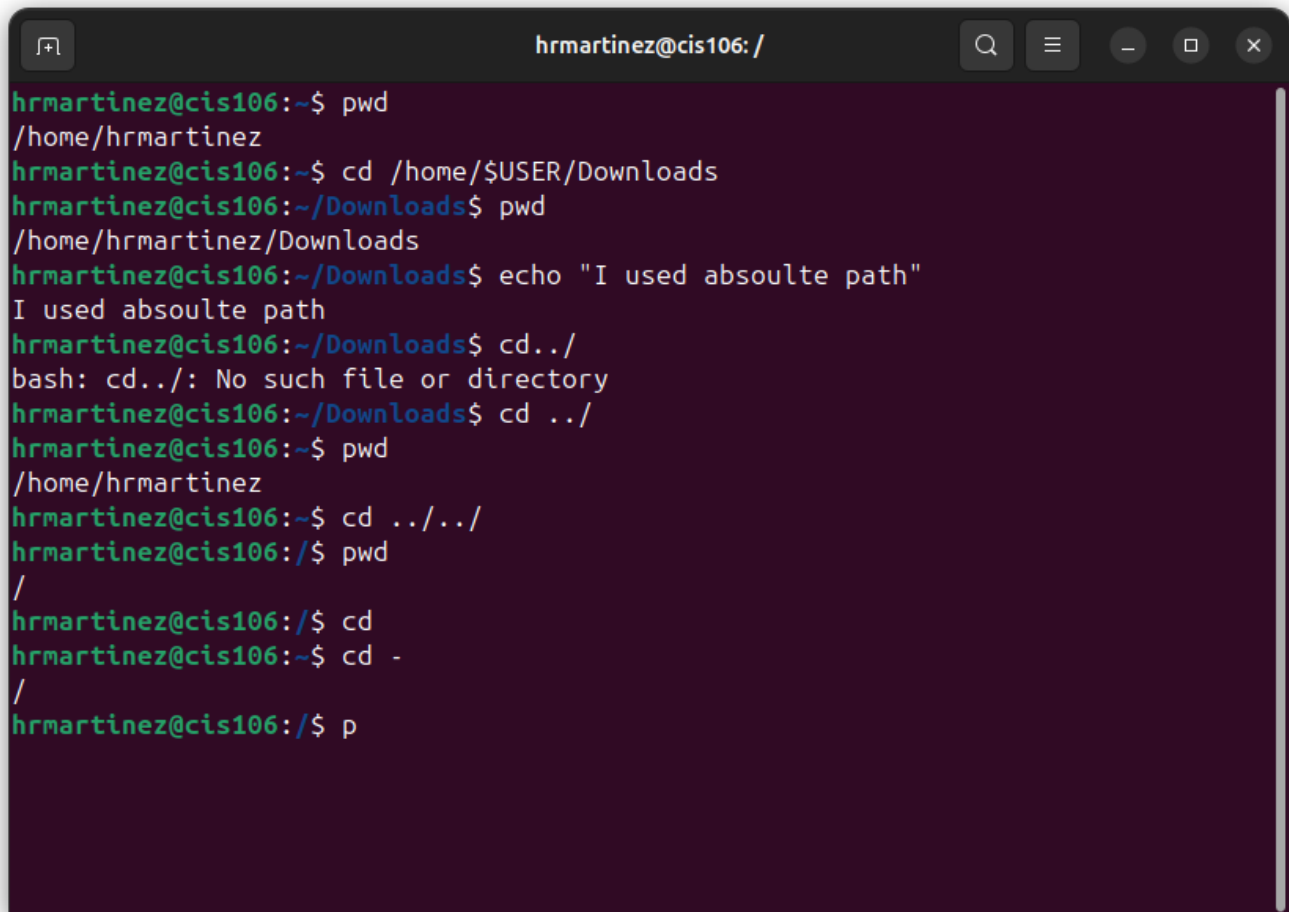


Week Report 4

Practice 1



```
hrmartinez@cis106: /  
hrmartinez@cis106:~$ pwd  
/home/hrmartinez  
hrmartinez@cis106:~$ cd /home/$USER/Downloads  
hrmartinez@cis106:~/Downloads$ pwd  
/home/hrmartinez/Downloads  
hrmartinez@cis106:~/Downloads$ echo "I used absoulte path"  
I used absoulte path  
hrmartinez@cis106:~/Downloads$ cd../  
bash: cd../: No such file or directory  
hrmartinez@cis106:~/Downloads$ cd ../  
hrmartinez@cis106:~$ pwd  
/home/hrmartinez  
hrmartinez@cis106:~$ cd ../..//  
hrmartinez@cis106:/$ pwd  
/  
hrmartinez@cis106:/$ cd  
hrmartinez@cis106:~$ cd -  
/  
hrmartinez@cis106:/$ p
```

Practice 2

```

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

```

Challenge Question

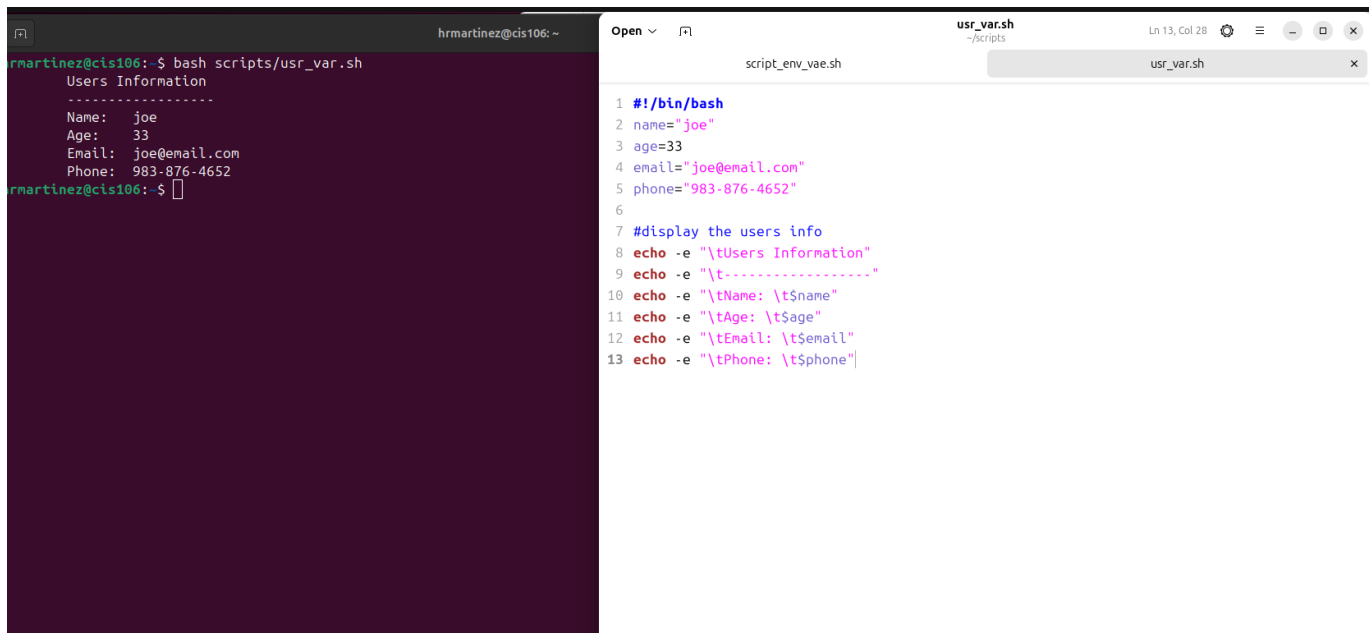
```
hrmartinez@cis106: ~  
hrmartinez@cis106: ~  
.lessshst      Templates  
hrmartinez@cis106:~$ cd; ls -lX cis106/  
cheatSheets  labs  notes  weekReports  
hrmartinez@cis106:~$ ls -lh ~  
total 2.3M  
drwxrwxr-x 2 hrmartinez hrmartinez 36K Oct 17 22:08 bobsburger  
drwxrwxr-x 2 hrmartinez hrmartinez 4.0K Oct 10 22:36 cheatSheets  
drwxrwxr-x 7 hrmartinez hrmartinez 4.0K Oct 18 21:52 cis106  
drwxr-xr-x 2 hrmartinez hrmartinez 4.0K Sep 23 16:53 Desktop  
drwxr-xr-x 2 hrmartinez hrmartinez 4.0K Oct 17 22:26 Documents  
drwxr-xr-x 5 hrmartinez hrmartinez 4.0K Oct 17 22:13 Downloads  
drwxrwxr-x 2 hrmartinez hrmartinez 4.0K Sep 23 19:54 labs  
drwxr-xr-x 2 hrmartinez hrmartinez 4.0K Oct 17 22:26 Music  
drwxrwxr-x 2 hrmartinez hrmartinez 4.0K Sep 23 19:55 notes  
drwxr-xr-x 3 hrmartinez hrmartinez 4.0K Oct 17 22:36 Pictures  
drwxrwxr-x 2 hrmartinez hrmartinez 4.0K Feb 27 2022 practicels  
-rw-rw-r-- 1 hrmartinez hrmartinez 2.2M Oct 8 21:57 practicels.tar.xz  
drwxr-xr-x 2 hrmartinez hrmartinez 4.0K Sep 23 16:53 Public  
drwxrwxr-x 2 hrmartinez hrmartinez 4.0K Oct 17 20:29 scripts  
drwx----- 7 hrmartinez hrmartinez 4.0K Oct 10 19:29 snap  
drwxr-xr-x 2 hrmartinez hrmartinez 4.0K Sep 23 16:53 Templates  
drwxr-xr-x 2 hrmartinez hrmartinez 4.0K Oct 17 22:26 Videos  
drwxrwxr-x 3 hrmartinez hrmartinez 4.0K Oct 10 22:24 weekReport  
hrmartinez@cis106:~$ ls -lgG --full-time ~  
total 2284  
drwxrwxr-x 2 36864 2024-10-17 22:08:55.702906359 -0400 bobsburger  
drwxrwxr-x 2 4096 2024-10-10 22:36:08.575612800 -0400 cheatSheets  
drwxrwxr-x 7 4096 2024-10-18 21:52:17.411875469 -0400 cis106  
drwxr-xr-x 2 4096 2024-09-23 16:53:21.249548106 -0400 Desktop  
drwxr-xr-x 2 4096 2024-10-17 22:26:51.323897332 -0400 Documents  
drwxr-xr-x 5 4096 2024-10-17 22:13:38.400903987 -0400 Downloads  
drwxrwxr-x 2 4096 2024-09-23 19:54:50.204002577 -0400 labs  
drwxr-xr-x 2 4096 2024-10-17 22:26:51.323897332 -0400 Music  
drwxrwxr-x 2 4096 2024-09-23 19:55:06.988002501 -0400 notes  
drwxr-xr-x 3 4096 2024-10-17 22:36:33.334892448 -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 2024-09-23 16:53:21.249548106 -0400 Public  
drwxrwxr-x 2 4096 2024-10-17 20:29:18.667956521 -0400 scripts  
drwx----- 7 4096 2024-10-10 19:29:14.224356232 -0400 snap  
drwxr-xr-x 2 4096 2024-09-23 16:53:21.249548106 -0400 Templates  
drwxr-xr-x 2 4096 2024-10-17 22:26:51.323897332 -0400 Videos  
drwxrwxr-x 3 4096 2024-10-10 22:24:35.665596947 -0400 weekReport  
hrmartinez@cis106:~$
```

Practice 3

```
hrmartinez@cis106:~$ bash script  
/usr/bin/script: /usr/bin/script: cannot execute binary file  
hrmartinez@cis106:~$ bash scripts/env_var.sh  
The Current User: hrmartinez  
The Current Shell: /bin/bash  
The Current's User Home: /home/hrmartinez  
The Path Var:  
/home/hrmartinez/.cargo/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/s  
nap/bin:/snap/bin  
hrmartinez@cis106:~$
```

```
script_env_vae.sh  
1 #!/bin/bash  
2 echo "The Current User: $USER"  
3 echo "The Current Shell:$SHELL"  
4 echo "The Current's User Home: $HOME"  
5 echo -e "The Path Var: \n $SPATH"
```

Practice 4



The image shows a terminal window on the left and a code editor on the right. The terminal window displays the output of running a script named `usr_var.sh`. The output shows user information for 'joe', including name, age, email, and phone number. The code editor shows the source code of the script, which sets variables for name, age, email, and phone, and then uses `echo` commands to display this information in a formatted way.

```
hmartinez@cis106: ~  
hmartinez@cis106:~$ bash scripts/usr_var.sh  
Users Information  
-----  
Name:   joe  
Age:    33  
Email:  joe@email.com  
Phone:  983-876-4652  
hmartinez@cis106:~$  
  
usr_var.sh  
1  #!/bin/bash  
2  name="joe"  
3  age=33  
4  email="joe@email.com"  
5  phone="983-876-4652"  
6  
7  #display the users info  
8  echo -e "\tUsers Information"  
9  echo -e "\t-----"  
10 echo -e "\tName: \t$name"  
11 echo -e "\tAge: \t$age"  
12 echo -e "\tEmail: \t$email"  
13 echo -e "\tPhone: \t$phone|"
```