

# Week Report 5

## The File system Practice Questions

1. The Linux Filesystem:

### Practice 1

Practice 1

1. Open a terminal. What's your current working directory?
2. Change your current working directory to:  
`/home/$USER/Downloads`
3. Where are you now? What method did you use to change the current working directory - Absolute path or Relative path?
4. Go back 1 directory. Where are you now?
5. Go back 2 directories. Where are you now?
6. Go to your home directory.
7. Go back to your previous current working directory. Where are you now?

```
1: eli@cis106: / 
eli@cis106:~$ pwd
/home/eli
eli@cis106:~/Downloads$ cd ..
eli@cis106:~/Downloads$ pwd
/home/eli/Downloads
eli@cis106:~/Downloads$ cd ../..
eli@cis106:~$ pwd
/
eli@cis106:~$ cd ../../..
eli@cis106:~$ pwd
/
eli@cis106:~$ cd /home/eli/
eli@cis106:~$ cd -
/
eli@cis106:~$ _
```

### Practice 2

```
2/2 ▾ + ⌂ ⓘ Tilix: eli@cis106: ~/practicesls
1: eli@cis106:~/practicesls 
-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
eli@cis106:~/practicesls$ ls -mr
tux-penguin.gif, tux-nobg.png,
song.mp3, people.csv, movie.mp4,
homework.docx, history-debian.pdf,
countries.xml, book.txt
eli@cis106:~/practicesls$ ls -1X
people.csv
homework.docx
tux-penguin.gif
song.mp3
movie.mp4
history-debian.pdf
tux-nobg.png
book.txt
countries.xml
eli@cis106:~/practicesls$ _
```

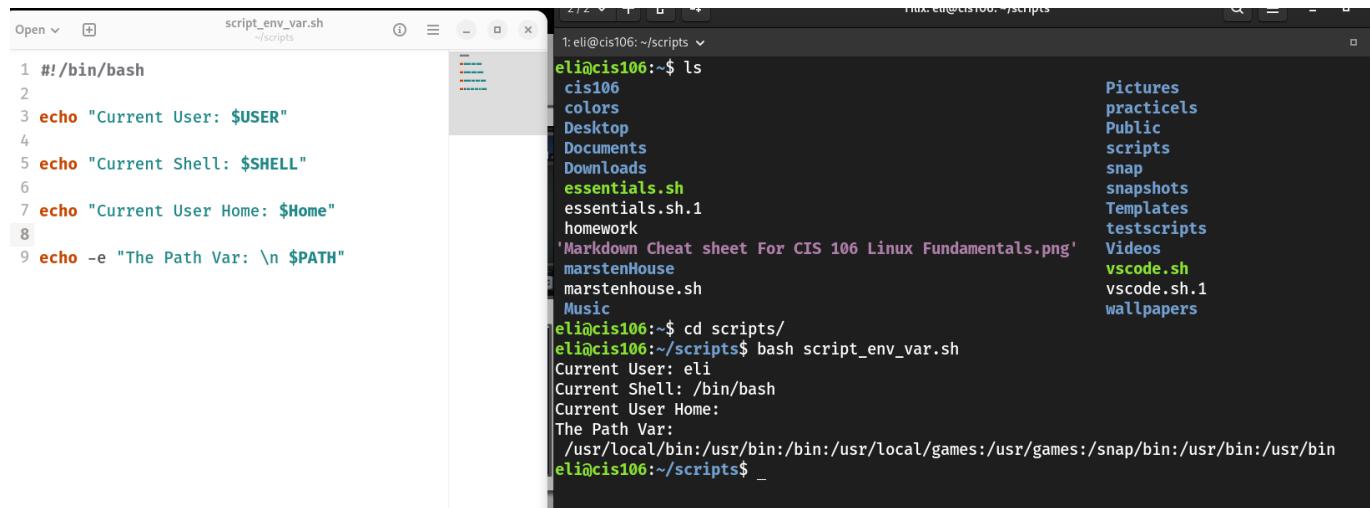
## Practice 3

Didnt finish (reminder to self to come back to finish)

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### 2. Shell Scripting Chapter 2

## Practice 2

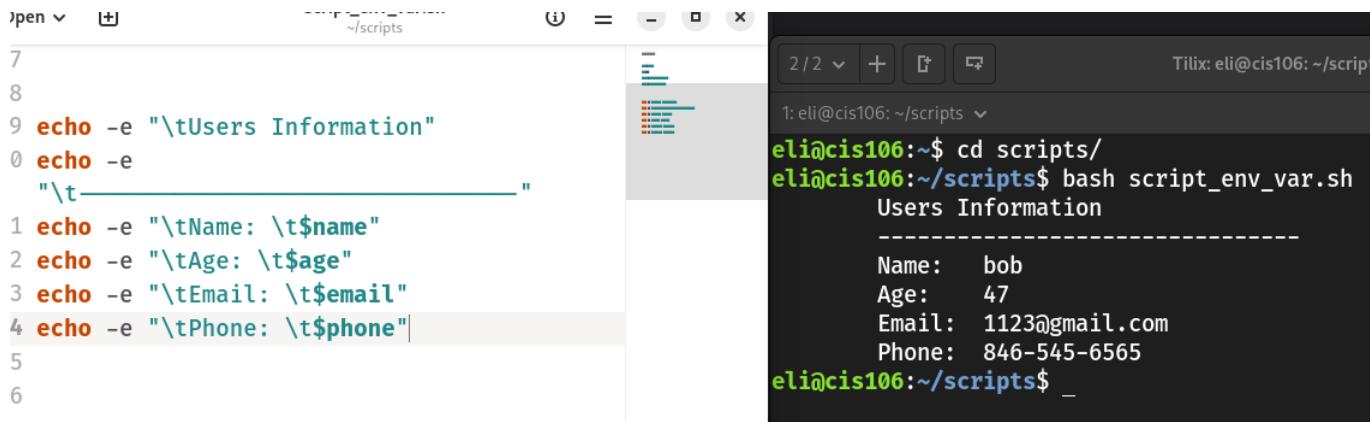


```
script_env_var.sh
```

```
#!/bin/bash
echo "Current User: $USER"
echo "Current Shell: $SHELL"
echo "Current User Home: $HOME"
echo -e "The Path Var: \n $PATH"
```

```
elijah@cis106:~/scripts$ ls
cisd106
colors
Desktop
Documents
Downloads
essentials.sh
essentials.sh.1
homework
'Markdown Cheat sheet For CIS 106 Linux Fundamentals.png'
marstenHouse
marstenhouse.sh
Music
elijah@cis106:~$ cd scripts/
elijah@cis106:~/scripts$ bash script_env_var.sh
Current User: elijah
Current Shell: /bin/bash
Current User Home:
The Path Var:
/usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games:/snap/bin:/usr/bin:/usr/bin
elijah@cis106:~/scripts$ _
```

## Practice 3



```
script_env_var.sh
```

```
#!/bin/bash
echo -e "\tUsers Information"
echo -e "\t_____"
echo -e "\tName: \$name"
echo -e "\tAge: \$age"
echo -e "\tEmail: \$email"
echo -e "\tPhone: \$phone"
```

```
elijah@cis106:~/scripts$ cd scripts/
elijah@cis106:~/scripts$ bash script_env_var.sh
Users Information
-----
Name: bob
Age: 47
Email: 1123@gmail.com
Phone: 846-545-6565
elijah@cis106:~/scripts$ _
```

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## Notes5

### Notes 5

### Lab5

### Lab5