

# Week Report 4

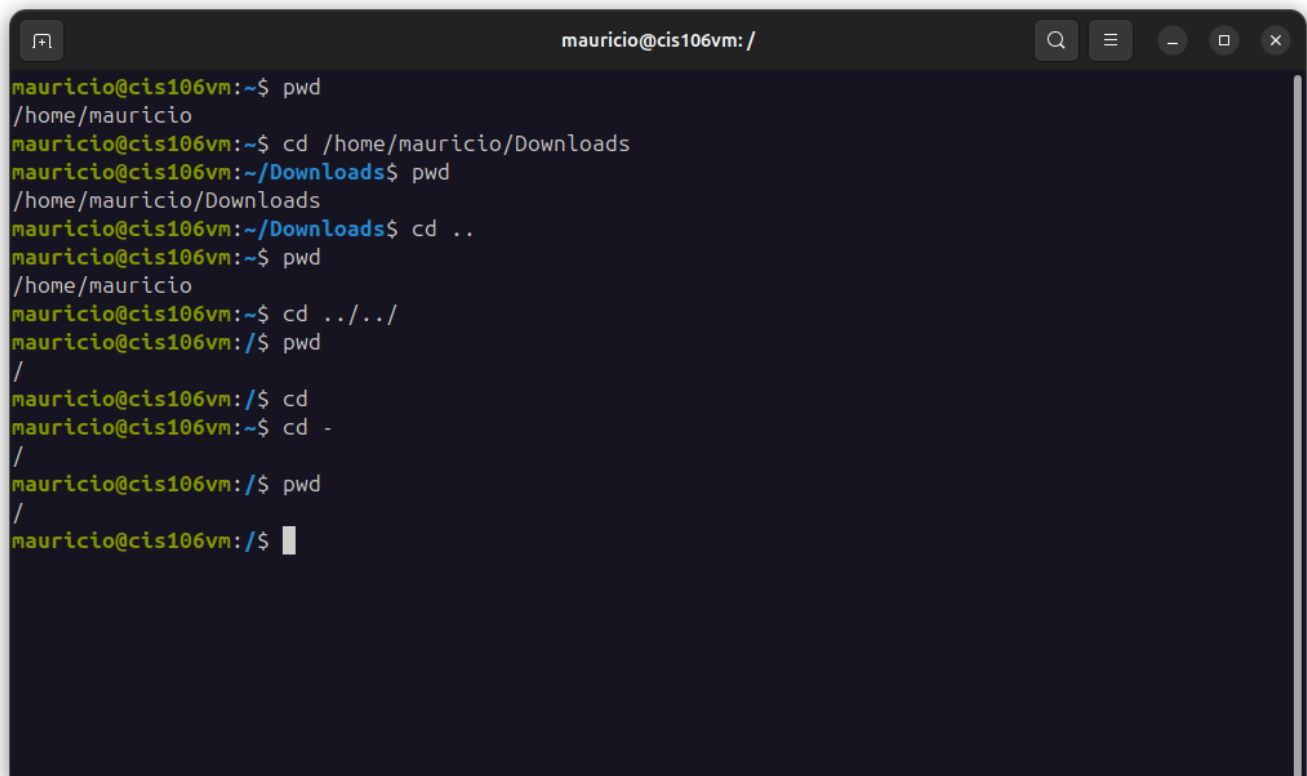
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## Completed work for week 4

[lab4.md](#) [notes4.md](#)

## Practice

### Practice 1



```
mauricio@cis106vm: /  
mauricio@cis106vm:~$ pwd  
/home/mauricio  
mauricio@cis106vm:~$ cd /home/mauricio/Downloads  
mauricio@cis106vm:~/Downloads$ pwd  
/home/mauricio/Downloads  
mauricio@cis106vm:~/Downloads$ cd ..  
mauricio@cis106vm:~$ pwd  
/home/mauricio  
mauricio@cis106vm:~$ cd ../../  
mauricio@cis106vm:/$ pwd  
/  
mauricio@cis106vm:/$ cd  
mauricio@cis106vm:~$ cd -  
/  
mauricio@cis106vm:/$ pwd  
/  
mauricio@cis106vm:/$
```

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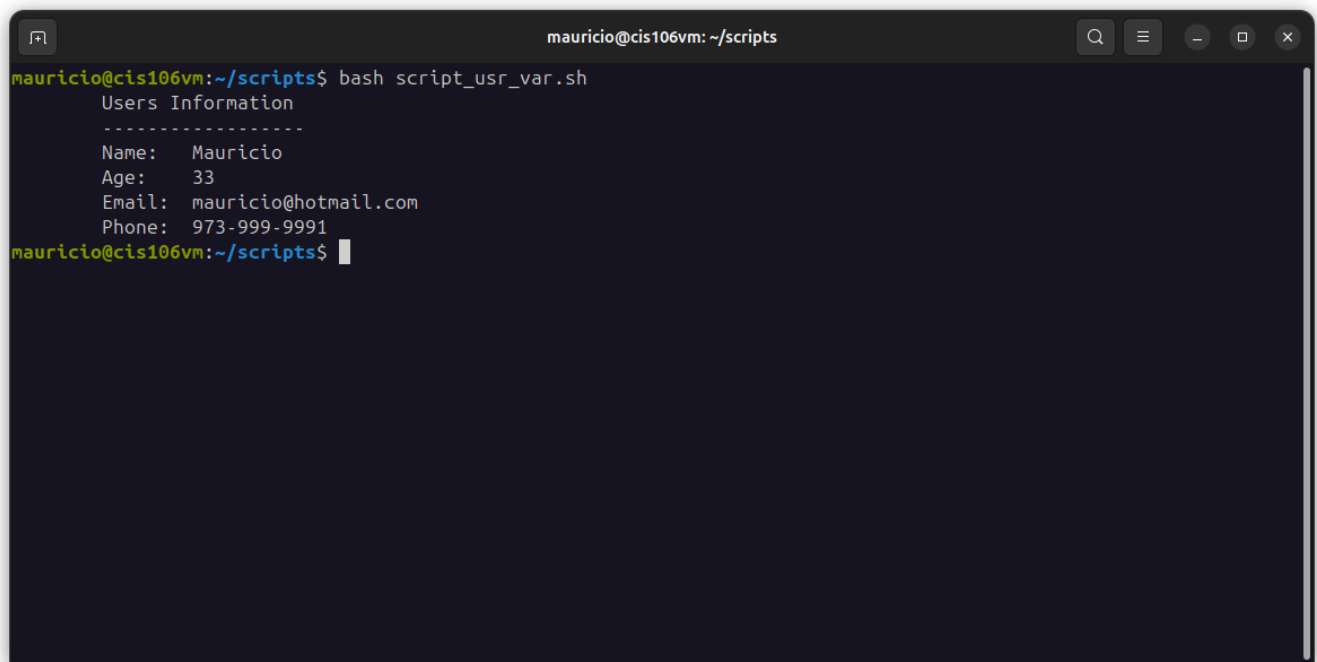
### Practice 2

```
mauricio@cis106vm: ~/practicels
-rw-rw-r-- 1 mauricio mauricio 44K Jan 31 2020 tux-penguin.gif
mauricio@cis106vm:~/practicels$ ls -lht
total 2.9M
-rw-rw-r-- 1 mauricio mauricio 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 mauricio mauricio 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 mauricio mauricio 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 mauricio mauricio 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 mauricio mauricio 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 mauricio mauricio 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 mauricio mauricio 1.1K Feb 27 2022 book.txt
-rw-rw-r-- 1 mauricio mauricio 109K Feb 22 2022 homework.docx
-rw-rw-r-- 1 mauricio mauricio 44K Jan 31 2020 tux-penguin.gif
mauricio@cis106vm:~/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
mauricio@cis106vm:~/practicels$ ls -mr
tux-penguin.gif, tux-nobg.png, song.mp3, people.csv, movie.mp4, homework.docx, history-debian.pdf, countries.xml, book.txt
mauricio@cis106vm:~/practicels$ ls -lX
people.csv
homework.docx
tux-penguin.gif
song.mp3
movie.mp4
history-debian.pdf
tux-nobg.png
book.txt
countries.xml
mauricio@cis106vm:~/practicels$
```

### Practice 3

```
mauricio@cis106vm: ~/scripts
mauricio@cis106vm:~/scripts$ bash script_env_var.sh
The Current user: mauricio
The current shell: /bin/bash
The current user's home directory and absolute path: /home/mauricio
The path variable:
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin
mauricio@cis106vm:~/scripts$
```

### Practice 4

A terminal window titled 'mauricio@cis106vm: ~/scripts' with standard window controls. The prompt is 'mauricio@cis106vm:~/scripts\$'. The command 'bash script\_usr\_var.sh' has been executed, resulting in the output 'Users Information' followed by a separator line '-----'. Below this, the following information is displayed: 'Name: Mauricio', 'Age: 33', 'Email: mauricio@hotmail.com', and 'Phone: 973-999-9991'. The prompt returns to 'mauricio@cis106vm:~/scripts\$' with a cursor.

```
mauricio@cis106vm:~/scripts$ bash script_usr_var.sh
Users Information
-----
Name:  Mauricio
Age:   33
Email: mauricio@hotmail.com
Phone: 973-999-9991
mauricio@cis106vm:~/scripts$
```