

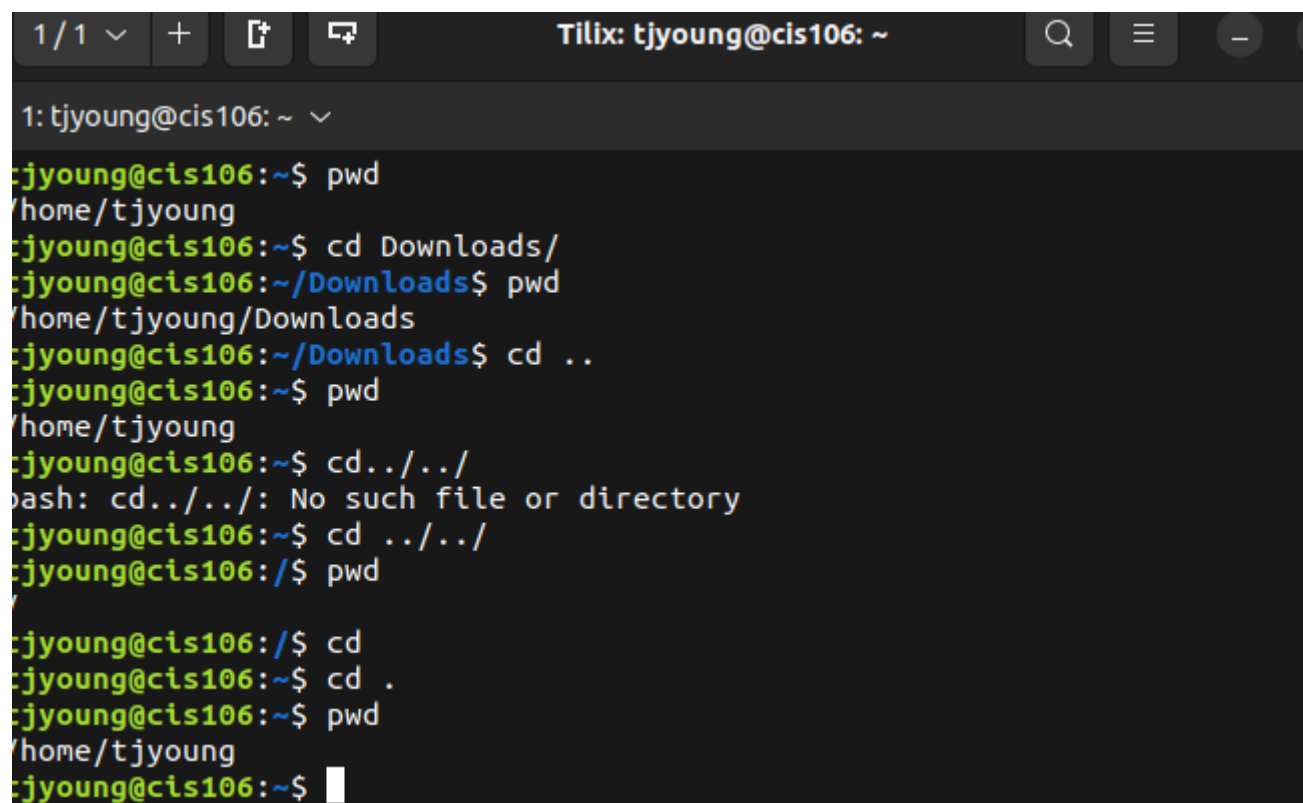
week Report 4

Completed work for week 4

Notes 2

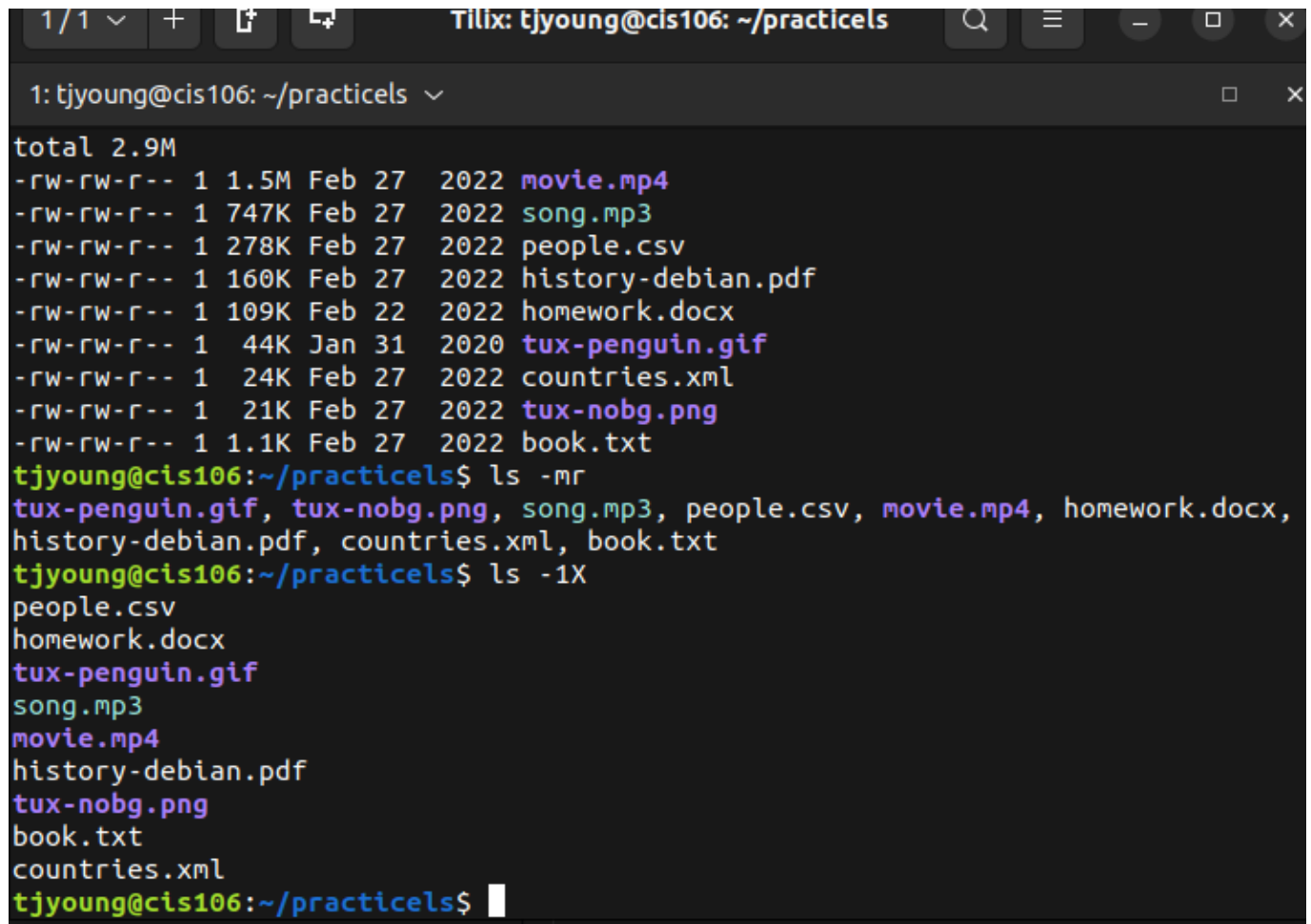
[notes2](#)

Practice 1:



```
Tilix: tjyoung@cis106: ~  
1: tjyoung@cis106: ~  
tjyoung@cis106:~$ pwd  
/home/tjyoung  
tjyoung@cis106:~$ cd Downloads/  
tjyoung@cis106:~/Downloads$ pwd  
/home/tjyoung/Downloads  
tjyoung@cis106:~/Downloads$ cd ..  
tjyoung@cis106:~$ pwd  
/home/tjyoung  
tjyoung@cis106:~$ cd../..  
bash: cd../../: No such file or directory  
tjyoung@cis106:~$ cd ../..  
tjyoung@cis106:/$ pwd  
/  
tjyoung@cis106:/$ cd  
tjyoung@cis106:~$ cd .  
tjyoung@cis106:~$ pwd  
/home/tjyoung  
tjyoung@cis106:~$
```

Practice 2



The image shows a terminal window titled "Tilix: tjyoung@cis106: ~/practicels". The terminal output shows the result of a file listing command, displaying file permissions, sizes, dates, and names. The files listed are: movie.mp4 (1.5M, Feb 27, 2022), song.mp3 (747K, Feb 27, 2022), people.csv (278K, Feb 27, 2022), history-debian.pdf (160K, Feb 27, 2022), homework.docx (109K, Feb 22, 2022), tux-penguin.gif (44K, Jan 31, 2020), countries.xml (24K, Feb 27, 2022), tux-nobg.png (21K, Feb 27, 2022), and book.txt (1.1K, Feb 27, 2022). The total size is 2.9M. The user then runs 'ls -mr' and 'ls -1X' to sort and list the files in a different format.

```
1/1  +  [?] [?]  Tilix: tjyoung@cis106: ~/practicels  [?] [?] [?] [?] [?]  
1: tjyoung@cis106: ~/practicels  [?] [?]  
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  
tjyoung@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  
tjyoung@cis106:~/practicels$ ls -1X  
people.csv  
homework.docx  
tux-penguin.gif  
song.mp3  
movie.mp4  
history-debian.pdf  
tux-nobg.png  
book.txt  
countries.xml  
tjyoung@cis106:~/practicels$
```

Challenge Practice

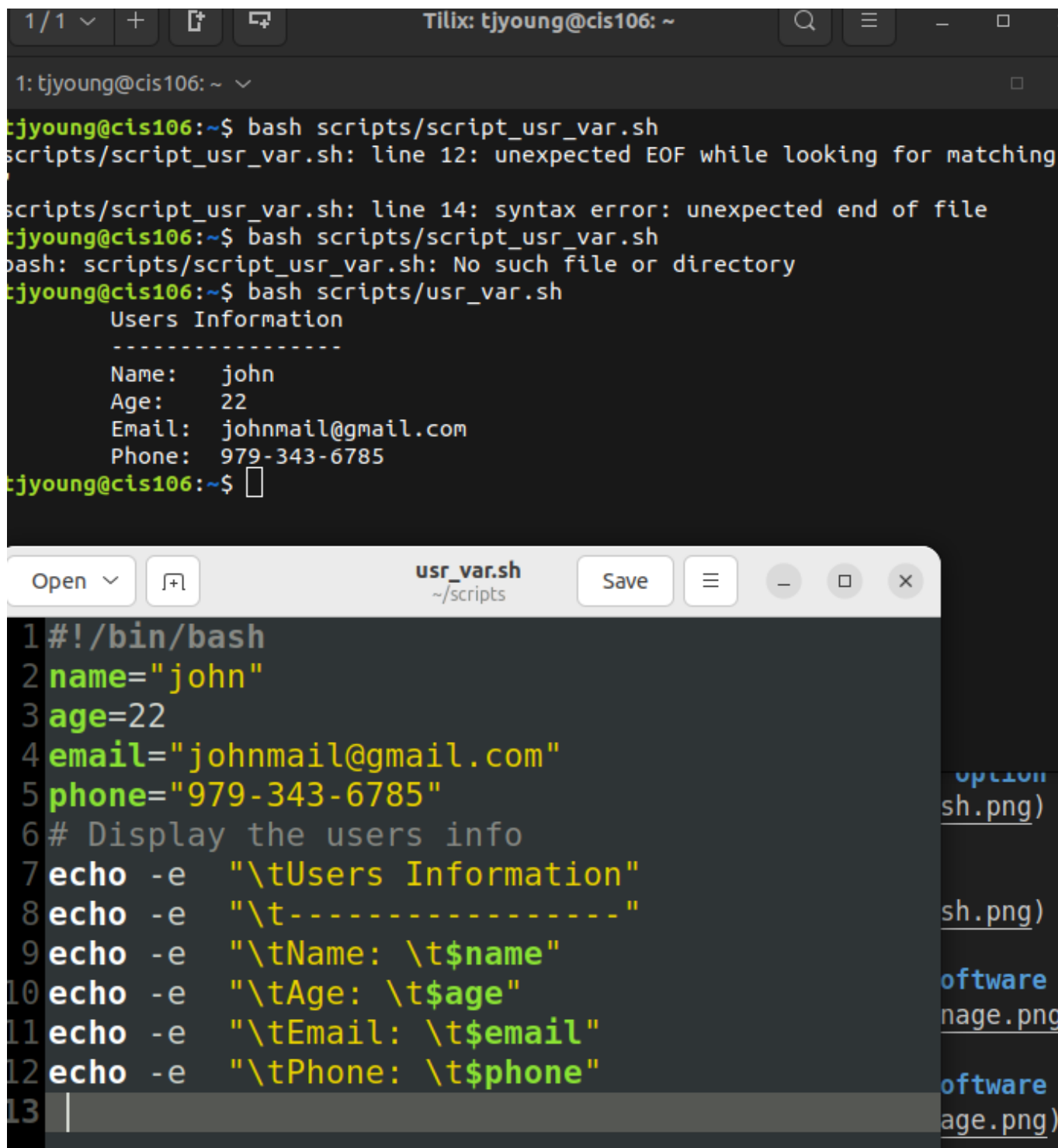
```
1/1 + [ ] [ ] Tilix: tjyoung@cis106: ~
1: tjyoung@cis106: ~
Try 'ls --help' for more information.
tjyoung@cis106:~$ ls -lgG --full-time ~
total 2300
drwxrwxr-x 2 4096 2024-03-06 18:05:45.321425986 -0500 assets
drwxrwxr-x 2 4096 2024-03-06 18:01:14.750201385 -0500 cars
drwxrwxr-x 9 4096 2024-03-06 18:32:09.328750963 -0500 cis106
drwxr-xr-x 2 4096 2024-02-05 14:29:57.243388789 -0500 Desktop
drwxrwxr-x 3 4096 2024-03-06 18:36:18.452133051 -0500 Documents
drwxr-xr-x 3 4096 2024-03-06 18:44:35.807343177 -0500 Documents
drwxr-xr-x 3 4096 2024-03-06 19:01:33.378328136 -0500 Downloads
drwxrwxr-x 2 4096 2024-03-06 17:50:24.881413546 -0500 games
-rw-rw-r-- 1 903 2024-02-05 16:16:47.264527843 -0500 github.commands.txt
drwxrwxr-x 2 4096 2024-03-06 17:51:14.698310780 -0500 home
drwxr-xr-x 2 4096 2024-02-05 14:29:57.243388789 -0500 Music
drwxrwxr-x 2 4096 2024-03-06 18:36:00.497114622 -0500 mv
drwxr-xr-x 3 4096 2024-03-06 18:38:06.114277680 -0500 Pictures
drwxrwxr-x 2 4096 2022-02-27 13:46:18.000000000 -0500 practicels
-rw-rw-r-- 1 2229212 2024-03-04 21:36:56.000000000 -0500 practicels.tar.xz
drwxr-xr-x 2 4096 2024-02-05 14:29:57.243388789 -0500 Public
drwxrwxr-x 2 4096 2024-02-26 16:42:59.956065124 -0500 scripts
-rw-rw-r-- 1 329 2024-02-05 15:11:04.828542882 -0500 script.sh
drwx----- 5 4096 2024-02-26 16:59:40.184067033 -0500 snap
drwxr-xr-x 2 4096 2024-02-05 14:29:57.243388789 -0500 Templates
drwxrwxr-x 2 4096 2024-03-06 18:35:20.844949645 -0500 '~touch'
```

Practice 3

```
1/1 + [ ] [ ] Tilix: tjyoung@cis106: ~
1: tjyoung@cis106: ~
tjyoung@cis106:~$ bash script
/usr/bin/script: /usr/bin/script: cannot execute binary file
tjyoung@cis106:~$ bash scripts/env_var.sh
bash: scripts/env_var.sh: No such file or directory
tjyoung@cis106:~$ bash scripts/script_env_var.sh
The Current User: tjyoung
The Current Shell: /bin/bash
The current User's Home: /home/tjyoung
The Path Var:
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin
tjyoung@cis106:~$
```

```
Open + script_env_var.sh ~/scripts Save [ ] [ ] X
1#!/bin/bash
2echo "The Current User: $USER"
3echo "The Current Shell: $SHELL"
4echo "The current User's Home: $HOME"
5echo -e "The Path Var: \n $PATH"
```

Practice 4



The image shows a terminal window and a script editor. The terminal window, titled "Tilix: tjyoung@cis106: ~", shows the execution of a script. The script, located at `scripts/script_usr_var.sh`, has errors on lines 12 and 14. The output of the script is displayed below the errors.

```
1: tjyoung@cis106: ~  
tjyoung@cis106:~$ bash scripts/script_usr_var.sh  
scripts/script_usr_var.sh: line 12: unexpected EOF while looking for matching  
scripts/script_usr_var.sh: line 14: syntax error: unexpected end of file  
tjyoung@cis106:~$ bash scripts/script_usr_var.sh  
bash: scripts/script_usr_var.sh: No such file or directory  
tjyoung@cis106:~$ bash scripts/usr_var.sh  
    Users Information  
    -----  
    Name:    john  
    Age:     22  
    Email:   johnmail@gmail.com  
    Phone:   979-343-6785  
tjyoung@cis106:~$
```

The script editor, titled "usr_var.sh ~/scripts", shows the following code:

```
1#!/bin/bash  
2name="john"  
3age=22  
4email="johnmail@gmail.com"  
5phone="979-343-6785"  
6# Display the users info  
7echo -e "\tUsers Information"  
8echo -e "\t-----"  
9echo -e "\tName: \t$name"  
10echo -e "\tAge: \t$age"  
11echo -e "\tEmail: \t$email"  
12echo -e "\tPhone: \t$phone"  
13
```