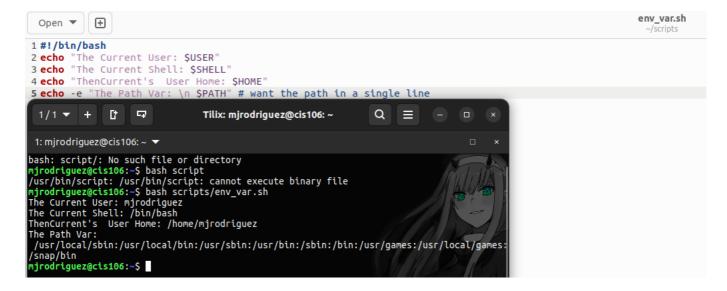# Week Report 4

Practice 1

Practice 2

```
1: mjrodriguez@cis106: ~/practicels  ▼

mjrodriguez@cis106:~$ tar Jxf practicels.tar.xz
mjrodriguez@cis106:~$ cd practicels/
mjrodriguez@cis106:~/practicels$ ls
book.txt        history-debian.pdf  movie.mp4    song.mp3      tux-penguin.gif
countries.xml  homework.docx        people.csv  tux-nobg.png
mjrodriguez@cis106:~/practicels$ ls-a
ls-a: command not found
mjrodriguez@cis106:~/practicels$ ls -a
.           countries.xml        movie.mp4    tux-nobg.png
..          history-debian.pdf   people.csv   tux-penguin.gif
book.txt  homework.docx          song.mp3
mjrodriguez@cis106:~/practicels$ ls -l
total 2932
-rw-rw-r-- 1 mjrodriguez mjrodriguez     1043 Feb 27  2022 book.txt
-rw-rw-r-- 1 mjrodriguez mjrodriguez    23972 Feb 27  2022 countries.xml
-rw-rw-r-- 1 mjrodriguez mjrodriguez   163057 Feb 27  2022 history-debian.pdf
-rw-rw-r-- 1 mjrodriguez mjrodriguez   111303 Feb 22  2022 homework.docx
-rw-rw-r-- 1 mjrodriguez mjrodriguez  1570024 Feb 27  2022 movie.mp4
-rw-rw-r-- 1 mjrodriguez mjrodriguez   284042 Feb 27  2022 people.csv
-rw-rw-r-- 1 mjrodriguez mjrodriguez   764176 Feb 27  2022 song.mp3
-rw-rw-r-- 1 mjrodriguez mjrodriguez    21314 Feb 27  2022 tux-nobg.png
-rw-rw-r-- 1 mjrodriguez mjrodriguez    44299 Jan 31  2020 tux-penguin.gif
mjrodriguez@cis106:~/practicels$ ls -lht
total 2.9M
-rw-rw-r-- 1 mjrodriguez mjrodriguez  24K Feb 27  2022 countries.xml
-rw-rw-r-- 1 mjrodriguez mjrodriguez 278K Feb 27  2022 people.csv
-rw-rw-r-- 1 mjrodriguez mjrodriguez 747K Feb 27  2022 song.mp3
-rw-rw-r-- 1 mjrodriguez mjrodriguez 1.5M Feb 27  2022 movie.mp4
-rw-rw-r-- 1 mjrodriguez mjrodriguez 160K Feb 27  2022 history-debian.pdf
-rw-rw-r-- 1 mjrodriguez mjrodriguez  21K Feb 27  2022 tux-nobg.png
-rw-rw-r-- 1 mjrodriguez mjrodriguez 1.1K Feb 27  2022 book.txt
-rw-rw-r-- 1 mjrodriguez mjrodriguez 109K Feb 22  2022 homework.docx
-rw-rw-r-- 1 mjrodriguez mjrodriguez  44K Jan 31  2020 tux-penguin.gif
mjrodriguez@cis106:~/practicels$ ls lhgGS
ls: cannot access 'lhgGS': No such file or directory
mjrodriguez@cis106:~/practicels$ ls -lhgGS
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
mjrodriguez@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
mjrodriguez@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
mjrodriguez@cis106:~/practicels$ █
```

Challenge Practice

Practice 3

```bash
#!/bin/bash
echo "The Current User: $USER"
echo "The Current Shell: $SHELL"
echo "ThenCurrent's  User Home: $HOME"
echo -e "The Path Var: \n $PATH" # want the path in a single line
```


Practice 4

```bash
#!/bin/bash
# This is a comment. This will not execute.
# Comments are added for humans to read!
# They help debug code!
#-------------------
# Variables that store age, name, email, and phone number
name="bob"
age="45"
email="bob@email.com"
phone="987-852-1231"

#Display the users info
echo -e "\tUsers Information"
echo -e "\t-------------------"
echo -e "\tName: \t$name" #added a tab for presentation
echo -e "\tAge: \t$age"
echo -e "\tEmail: \t$email"
echo -e "\tPhone: \t$phone" #This will give an error! Var are case sensitive
```