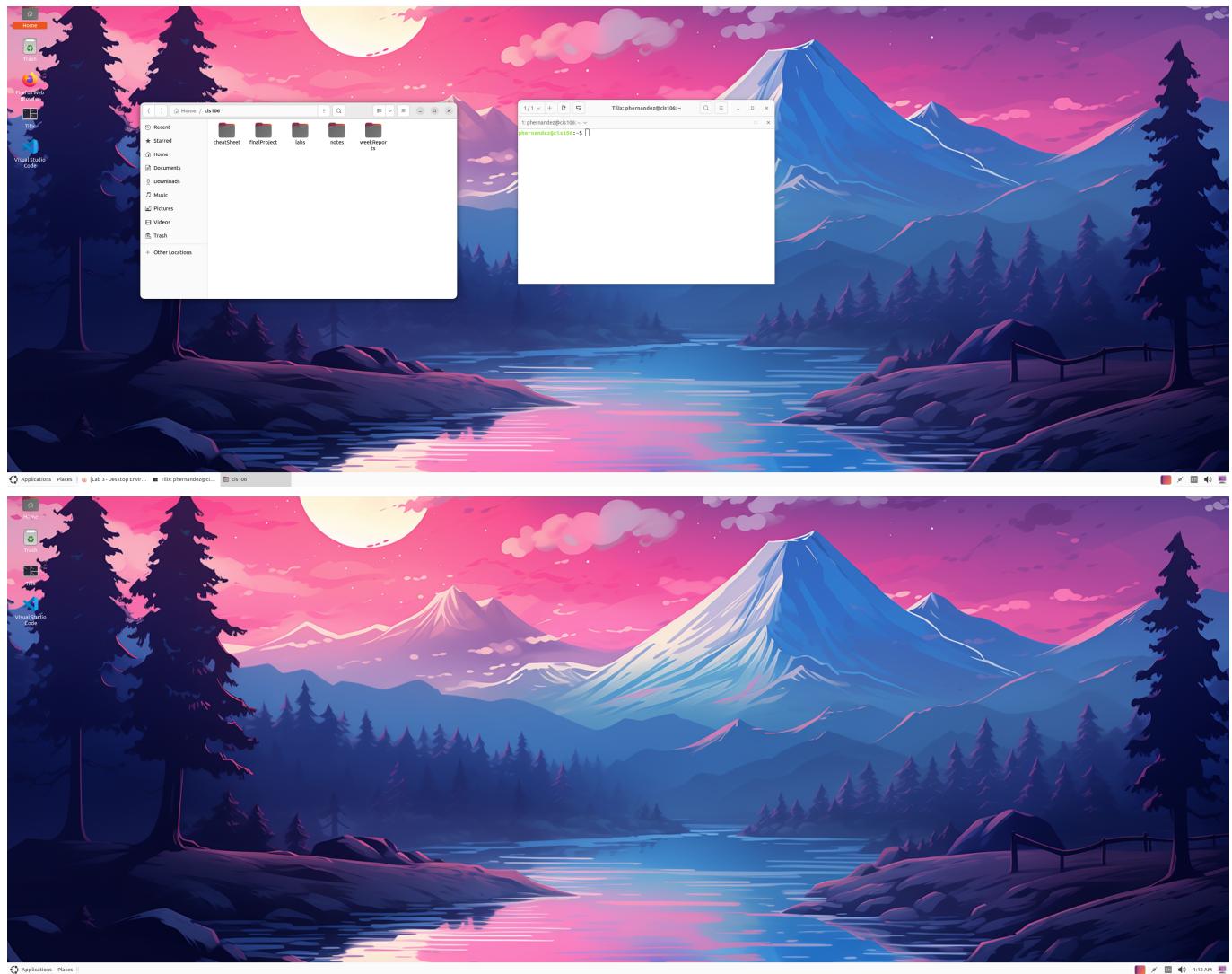


Lab 3 Submission

Question 1



Question 2

The screenshot shows two terminal windows side-by-side. The left window displays a series of commands demonstrating the use of the echo command with various options (-e, -n, -E) and escape sequences. The right window shows the man page for the echo command, providing detailed information about its synopsis, description, options, and escape sequences.

```
1: phernandez@cis106: ~
phernandez@cis106:~$ echo "hello"
hello
phernandez@cis106:~$ echo -n "hello"
hello
phernandez@cis106:~$ echo -e "\thello"
    hello
phernandez@cis106:~$ echo -e "this is line1\This is line2"
this is line1\This is line2
phernandez@cis106:~$ echo -e "This is line1\nThis is line 2"
This is line1
This is line 2
phernandez@cis106:~$ echo -e "This is line1\n\tThis is line 2"
This is line1
    This is line 2
phernandez@cis106:~$ echo -e "\tThis is line1\n\tThis is line
2"
    This is line1
    This is line 2
phernandez@cis106:~$
```

SYNOPSIS

```
echo [SHORT-OPTION]... [STRING]...
echo LONG-OPTION
```

DESCRIPTION

```
Echo the STRING(s) to standard output.
```

-n do not output the trailing newline

-e enable interpretation of backslash escapes

-E disable interpretation of backslash escapes
(default)

--help display this help and exit

--version output version information and exit

If **-e** is in effect, the following sequences are recognized:

\\\	backslash
\a	alert (BEL)
\b	backspace
\c	produce no further output
\e	escape

Question 3

The screenshot shows a terminal window running a shell script named lab3-script1.sh. The script prints several pieces of information: a general message, the current date and time, the machine's name, the user's name, and the current user.

```
1: phernandez@cis106: ~
phernandez@cis106:~$ bash ~/cis106/labs/lab3/lab3-script1.sh
This is a shell script,
This script will print the current date: Sun Feb 25 01:37:42 AM EST 2024
This is the machine's name:
cis106
This is the current user:
phernandez
phernandez@cis106:~$
```

Challenge Question

```
phernandez@cis106:~$ bash ~/cis106/labs/lab3/challenge_lab3.sh
The current date is:
Mon, 26 Feb 2024 03:36:28 -0500

Some information about my system
Linux cis106 6.5.0-21-generic #21~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Fri Feb  9 13:32:52 UTC 2 x86_64 x86_64 x86_64 GNU/Linux

Ram Information
total        used        free      shared  buff/cache   available
Mem:    2006008     1092440     285972      71228     627596     687952
Swap:  4392956     1082544    3310412

Challenge Question Complete
phernandez@cis106:~$
```

Script Source code:

[lab3](#)