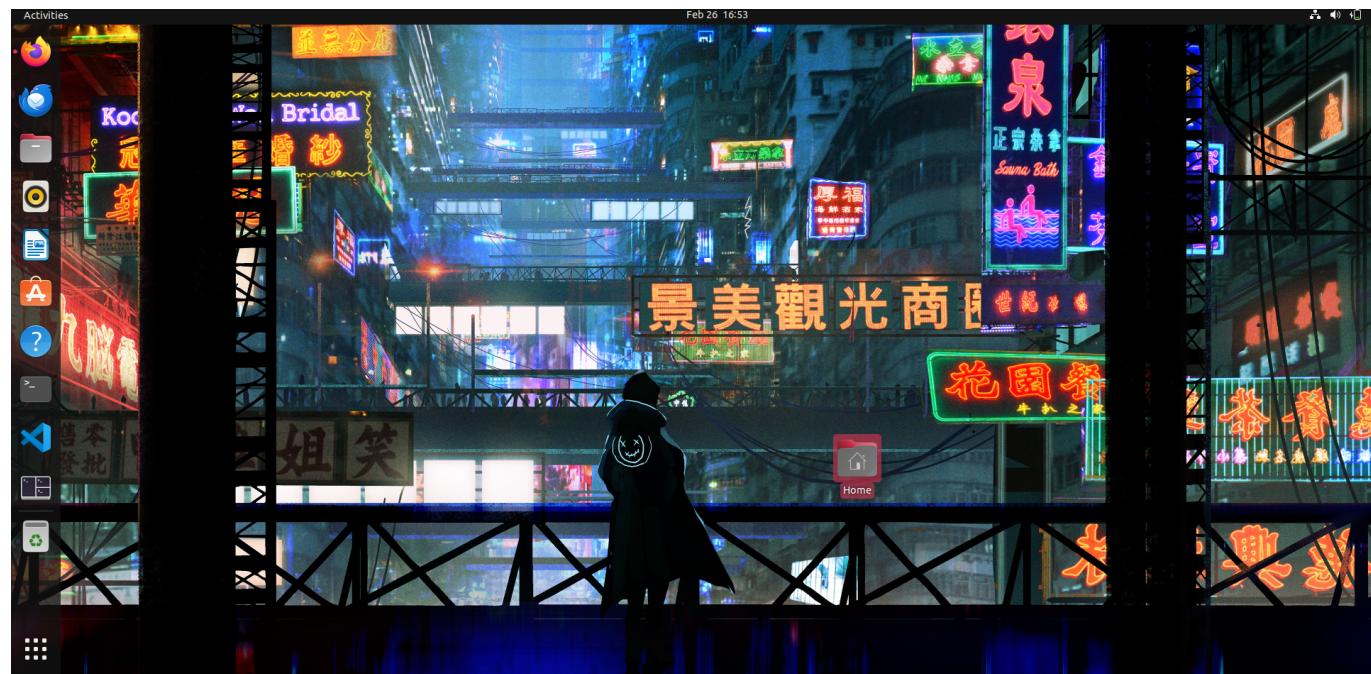
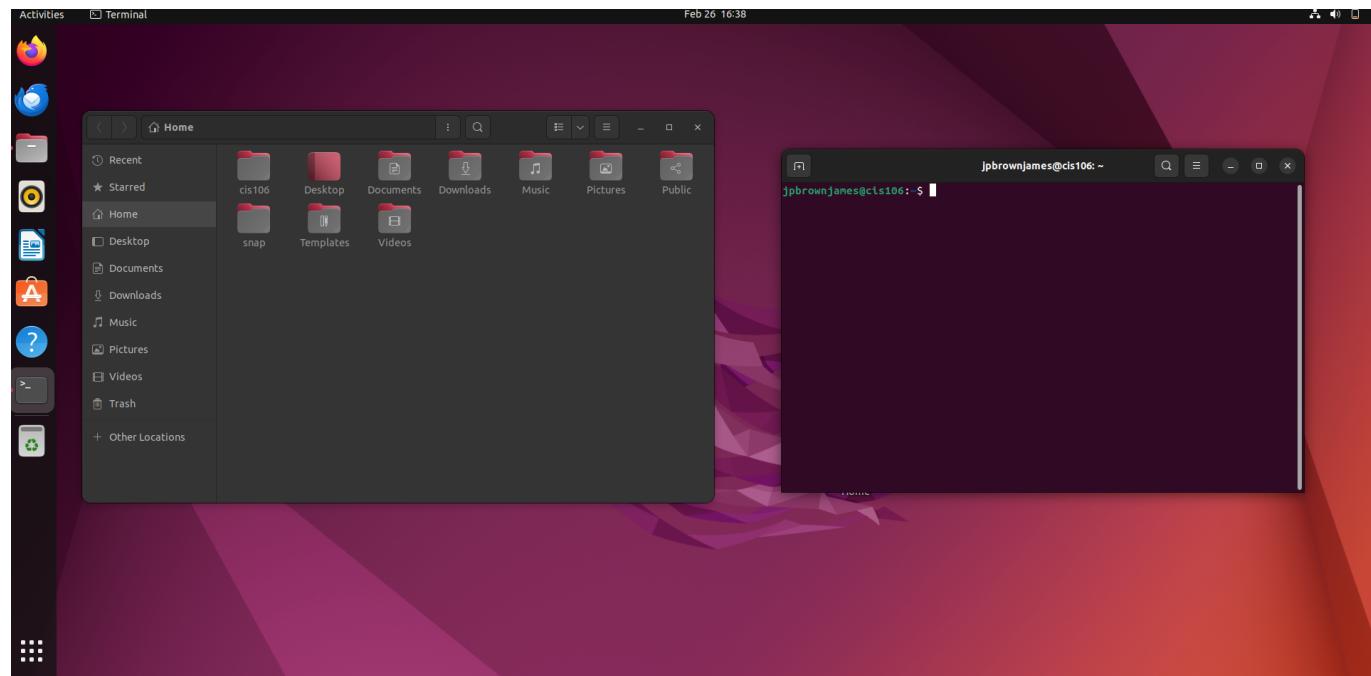
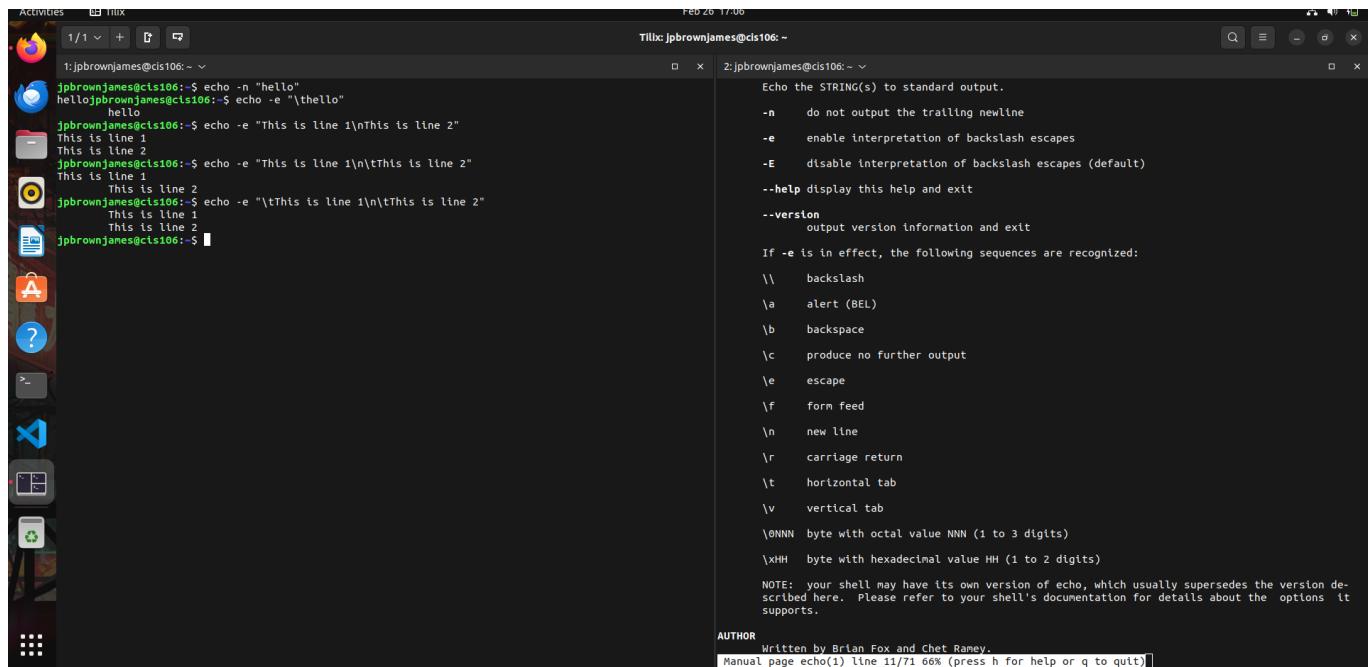


# Lab 3 Submission

## Question 1



## Question 2



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

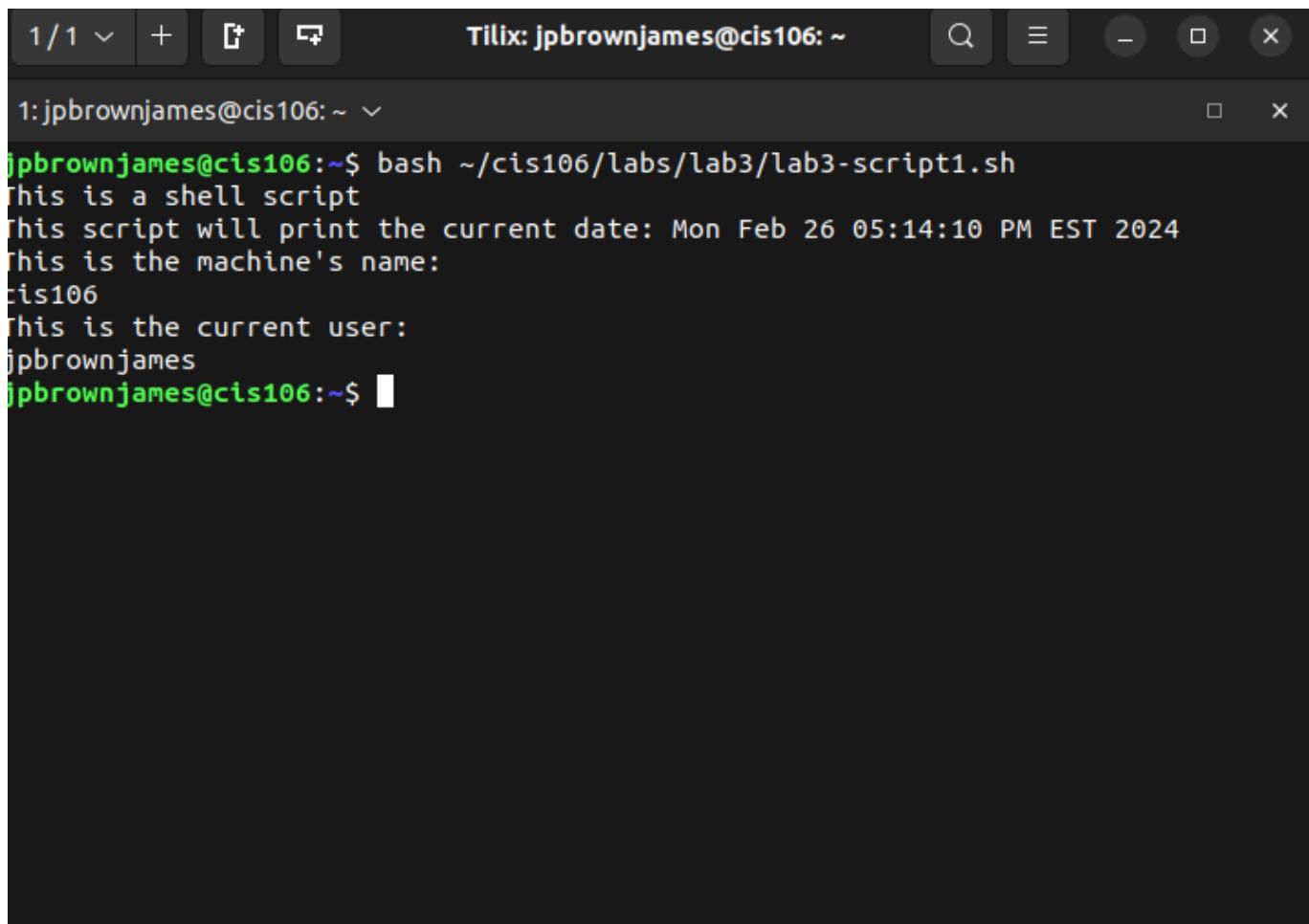
Tilix: jpbrownjames@cis106:~ ~
2:jpbrownjames@cis106:~ ~
Echo the STRING(s) to standard output.
  -n      do not output the trailing newline
  -e      enable interpretation of backslash escapes
  -E      disable interpretation of backslash escapes (default)
  --help   display this help and exit
  --version
          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
  \\f    form feed
  \\n    new line
  \\r    carriage return
  \\t    horizontal tab
  \\v    vertical tab
  \\0NNN byte with octal value NNN (1 to 3 digits)
  \\xHH  byte with hexadecimal value HH (1 to 2 digits)

NOTE: your shell may have its own version of echo, which usually supersedes the version de-
scribed here. Please refer to your shell's documentation for details about the options it
supports.

AUTHOR
Written by Brian Fox and Chet Ramey.
Manual page echo(1) line 11/71 66% (press h for help or q to quit)
```

## Question 3



```
1:jpbrownjames@cis106:~ ~
Tilix: jpbrownjames@cis106:~ ~
1:jpbrownjames@cis106:~ ~
jpbrownjames@cis106:~$ bash ~/cis106/labs/lab3/lab3-script1.sh
this is a shell script
this script will print the current date: Mon Feb 26 05:14:10 PM EST 2024
this is the machine's name:
cis106
this is the current user:
jpbrownjames
jpbrownjames@cis106:~$ ~
```

## Challenge Question

The screenshot shows a terminal window titled "Tilix: jpbrownjames@cis106: ~". The terminal output is as follows:

```
1: jpbrownjames@cis106: ~
[gbrownjames@cis106:~]$ bash ~/cis106/labs/lab3/challenge_lab3.sh
The current date is:
Mon, 26 Feb 2024 18:30:40 -0500

Some information about my system:
Linux cis106 6.5.0-17-generic #17~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Tue Jan 16
14:32:32 UTC 2 x86_64 x86_64 x86_64 GNU/Linux

RAM Information
total        used        free      shared  buff/cache   available
Mem:    2006008     1258112     234656      48296      513240      539516
Swap:   4392956     881804    3511152

challenge Question Complete
[gbrownjames@cis106:~]$
```

## Script Source code:

[lab3](#)