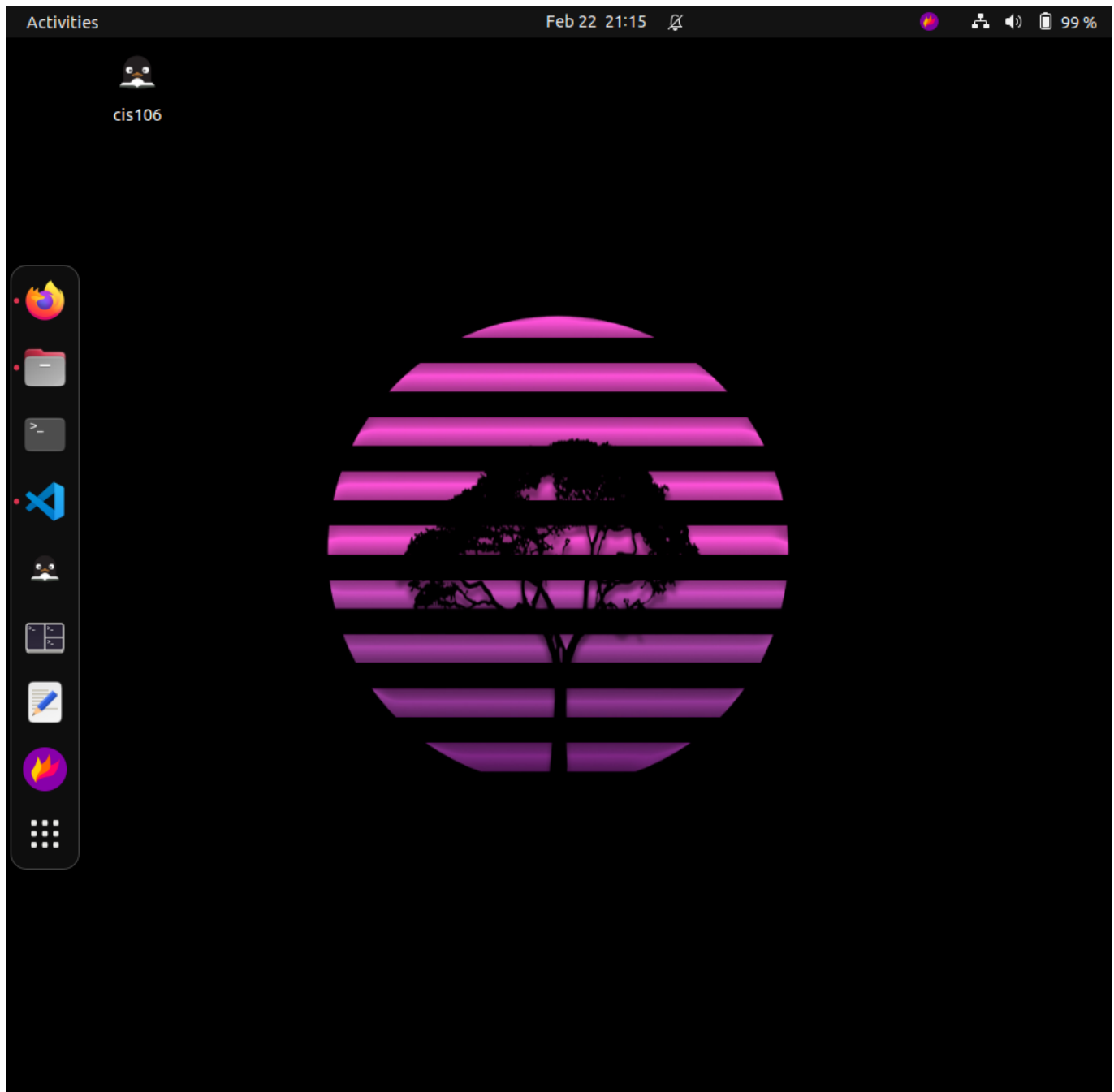


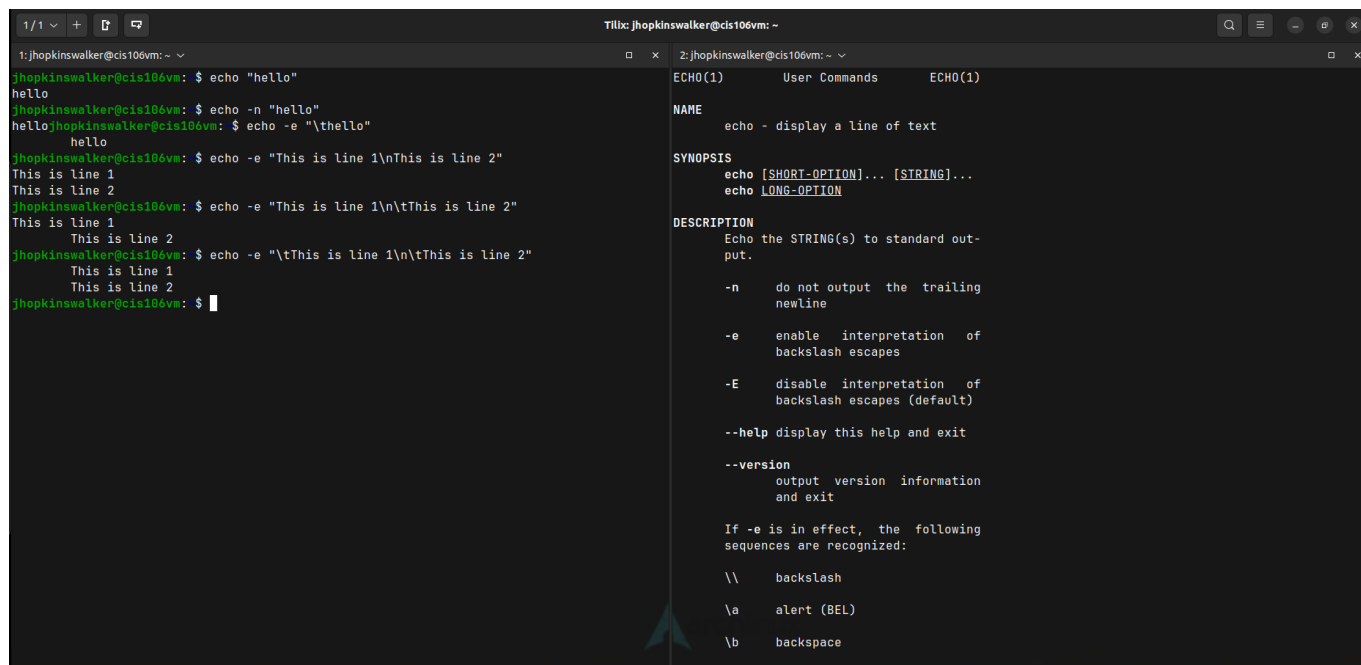
# Lab 3 Submission

---

## Question 1



## Question 2



```
1: jhopkinswalker@cis106vm: ~  
jhopkinswalker@cis106vm:~$ echo "hello"  
hello  
jhopkinswalker@cis106vm:~$ echo -n "hello"  
hello  
jhopkinswalker@cis106vm:~$ echo -e "\thello"  
    hello  
jhopkinswalker@cis106vm:~$ echo -e "This is line 1\nThis is line 2"  
This is line 1  
This is line 2  
jhopkinswalker@cis106vm:~$ echo -e "This is line 1\n\tThis is line 2"  
This is line 1  
    This is line 2  
jhopkinswalker@cis106vm:~$ echo -e "\tThis is line 1\n\t\tThis is line 2"  
    This is line 1  
        This is line 2  
jhopkinswalker@cis106vm:~$
```

ECHO(1) User Commands ECHO(1)

NAME

echo - display a line of text

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)

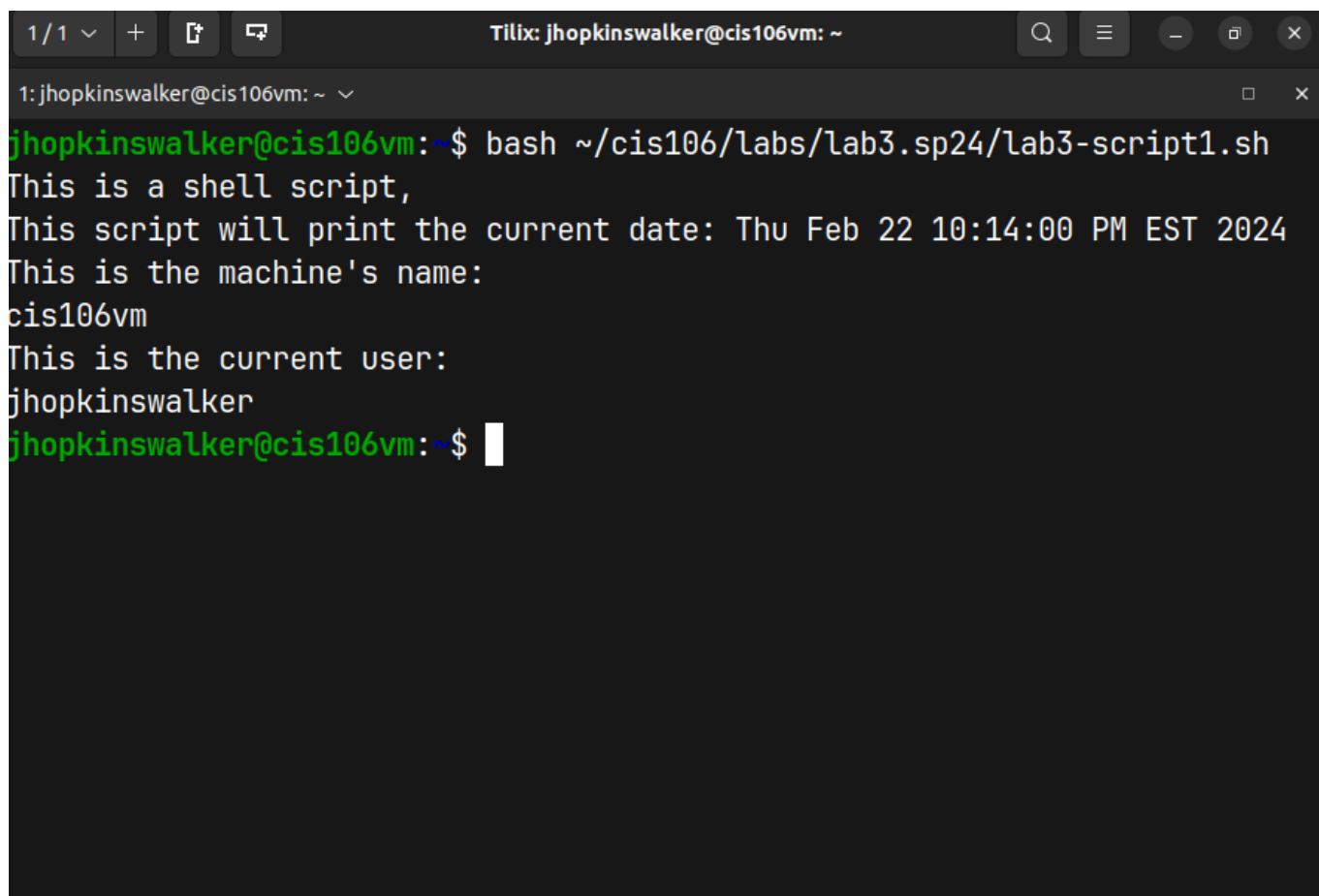
--help display this help and exit

--version output version information and exit

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

\\ backslash  
\a alert (BEL)  
\b backspace

### Question 3



```
1: jhopkinswalker@cis106vm: ~  
jhopkinswalker@cis106vm:~$ bash ~/cis106/labs/lab3.sp24/lab3-script1.sh  
This is a shell script,  
This script will print the current date: Thu Feb 22 10:14:00 PM EST 2024  
This is the machine's name:  
cis106vm  
This is the current user:  
jhopkinswalker  
jhopkinswalker@cis106vm:~$
```

### Challenge Question

```
1: jhopkinswalker@cis106vm: ~  
jhopkinswalker@cis106vm: $ bash ~/cis106/labs/lab3.sp24/challenge_lab3.sh  
The current date is:  
Thu, 22 Feb 2024 23:37:11 -0500  
  
Some information about my system:  
Linux cis106vm 6.5.0-18-generic #18~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Wed Feb 7 1  
1:40:03 UTC 2 x86_64 x86_64 x86_64 GNU/Linux  
  
RAM Information  


|       | total | used  | free  | shared | buff/cache | available |
|-------|-------|-------|-------|--------|------------|-----------|
| Mem:  | 1.96i | 1.36i | 97Mi  | 41Mi   | 548Mi      | 452Mi     |
| Swap: | 4.26i | 1.46i | 2.86i |        |            |           |

  
Challenge Question Complete  
jhopkinswalker@cis106vm:~$
```

### Script Source code:

lab3 lab3.1

#I added another line for the challenge question script source code because I wasn't sure which script source code was needed.