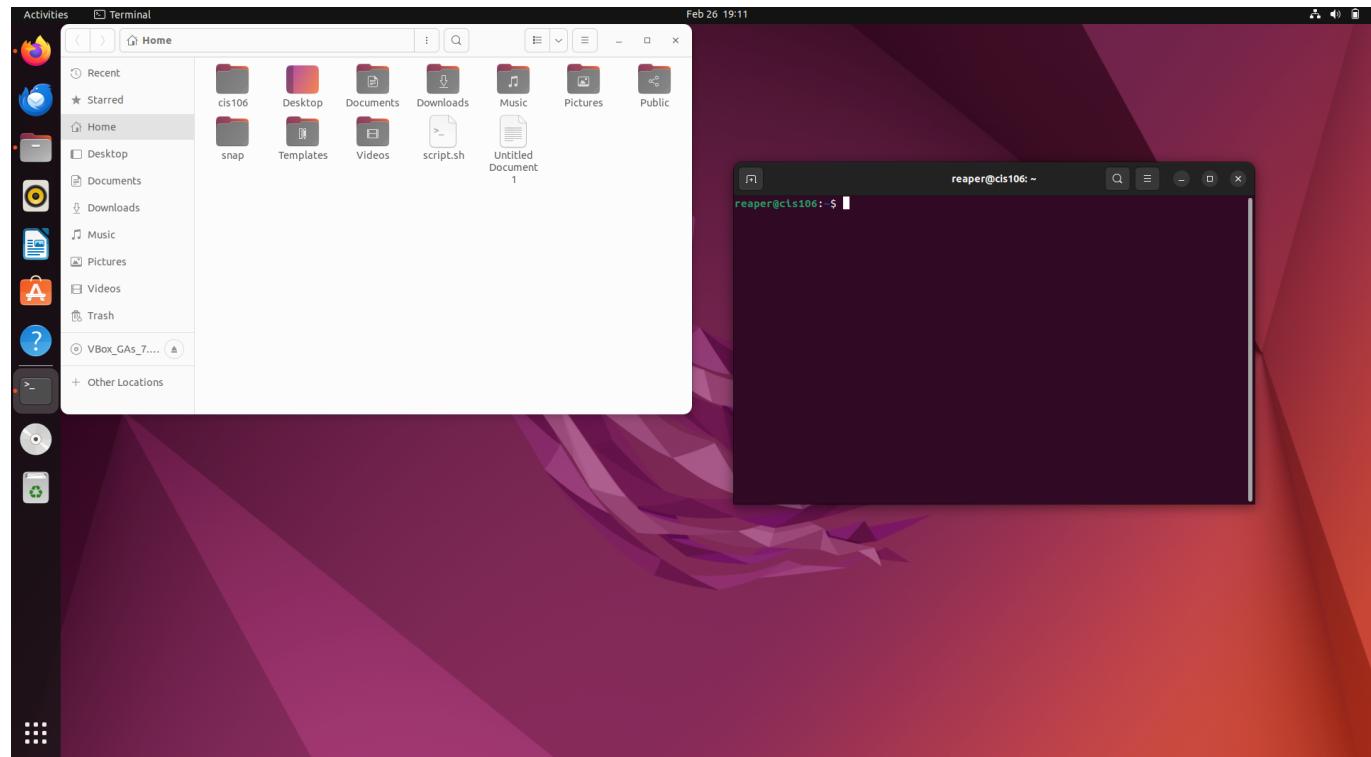
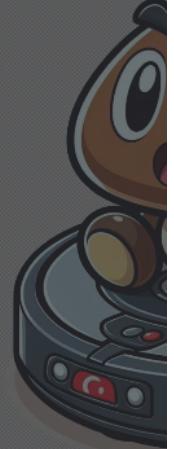


# Lab 3 Submission

## Question 1



## Question 2



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

Tilix: reaper@cis106: ~

ECHO(1) User Commands ECHO(1)

**NAME**  
echo - display a line of text

**SYNOPSIS**  
echo [SHORT-OPTION]... [STRING]...  
echo LONG-OPTION

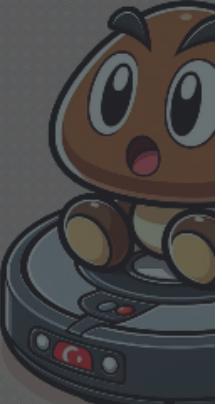
**DESCRIPTION**  
Echo the STRING(s) to standard output.

-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  
\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)  
minal page echo(1) line 1 (press h for help or q to quit)

## Question 3



```
1 / 1 + 🔍 ⌂ Tilix: reaper@cis106: ~ 🔍 ⌂ ×  
1: reaper@cis106: ~  
reaper@cis106:~$ bash ~/cis106/labs/lab3/lab3-script1.sh  
This is a shell script,  
This script will print the current date: Mon Feb 26 08:44:33 PM EST 2024  
This is the machine's name:  
cis106  
This is the current user:  
reaper  
reaper@cis106:~$
```

## Challenge Question

```
1 / 1 + 🔍 Tiliix: reaper@cis106: ~
1: reaper@cis106: ~
reaper@cis106:~$ bash ~/cis106/labs/lab3/challenge_lab3.sh
The current date is:
Tue, 27 Feb 2024 22:39:18 -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
JTC 2 x86_64 x86_64 x86_64 GNU/Linux

RAM information
      total        used        free      shared  buff/cache   available
Mem:       2           1           0           0           0           0
Swap:      4           0           3           0           0           0

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



## Script Source code:

[lab3](#)