

# Lab 3 Submission

## Question 1



## Question 2

Tilix: tjyoung@cis106: ~

1: tjyoung@cis106: ~

```
tjyoung@cis106:~$ echo "hello"
hello
tjyoung@cis106:~$ echo -e "This is line1\nThis is line 2"
This is line1
This is line 2
tjyoung@cis106:~$ echo -e "This is line1\n\\This is line 2"
This is line1
\\This is line 2
tjyoung@cis106:~$ echo -e "This is line1\n\tThis is line 2"
This is line1
\tThis is line 2
tjyoung@cis106:~$ echo -e "\tThis is line1\n\tThis is line 2"
\tThis is line1
\tThis is line 2
tjyoung@cis106:~$
```

2: tjyoung@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)
```

## Question 3

Tilix: tjyoung@cis106: ~

1: tjyoung@cis106: ~

```
tjyoung@cis106:~$ bash ~/cis106/labs/lab3/lab3-script1.sh
This is a shell script,
This script will print the current date: Mon Feb 26 11:52:46 AM EST 2024
This is the machine's name:
cis106
This is the current user:
tjyoung
tjyoung@cis106:~$
```

## Challenge Question

```
1/1 v + [share] [copy] Tilix: tjyoung@cis106: ~
1: tjyoung@cis106: ~ v
tjyoung@cis106:~$ bash ~/cis106/labs/lab3/challenge_lab3.sh
The current date is:
Mon Feb 26 01:23:53 PM EST 2024

Some information about my system:
Linux cis106 6.5.0-15-generic #15~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Fri Jan 12 18:54:30 UTC 2 x86_64 x86_64 x86_64 GNU/Linux

Ram Information

```

	total	used	free	shared	buff/cache	available
Mem:	2.8Gi	1.7Gi	353Mi	66Mi	793Mi	916Mi
Swap:	4.2Gi	169Mi	4.0Gi			

```

Challenge question complete
tjyoung@cis106:~$
```

## Script Source code:

- [lab3 q3](#)
- [lab3 q4](#)