

# Lab 3 Submission

## Question 2

1/1 + [icons]

Tilix: adriktech25@cis106: ~

[icons]

1: adriktech25@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

man page echo(1) line 1 (press h for help or q to quit)

2: adriktech25@cis106: ~

adriktech25@cis106:~\$ echo "hello class"

hello class

adriktech25@cis106:~\$ echo "hello world" -n

hello world -n

adriktech25@cis106:~\$ echo -n "hello world"

hello world

adriktech25@cis106:~\$ echo -e "hello\nworld"

hello

world

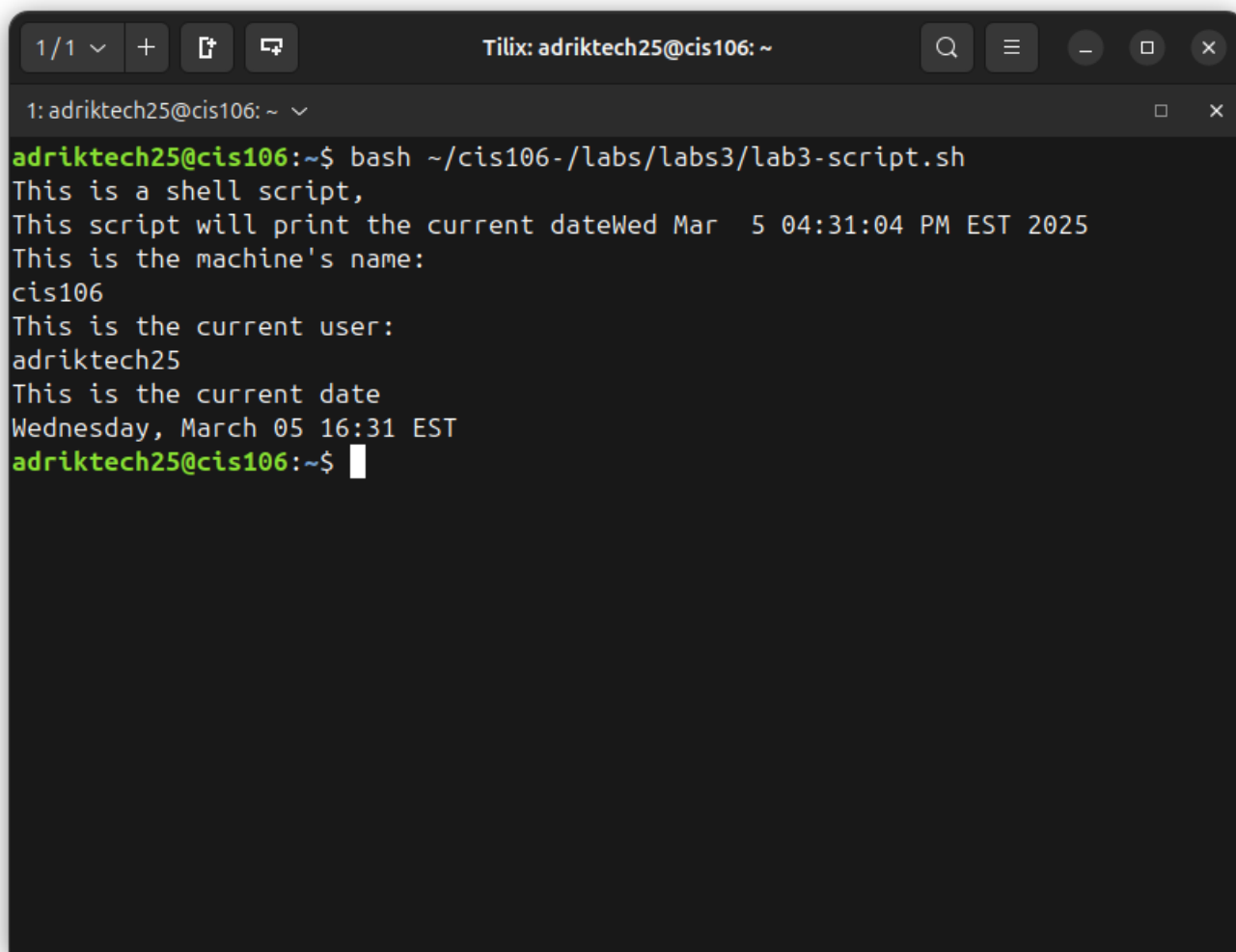
adriktech25@cis106:~\$ echo -e "hello\n\tworld"

hello

\world

adriktech25@cis106:~\$

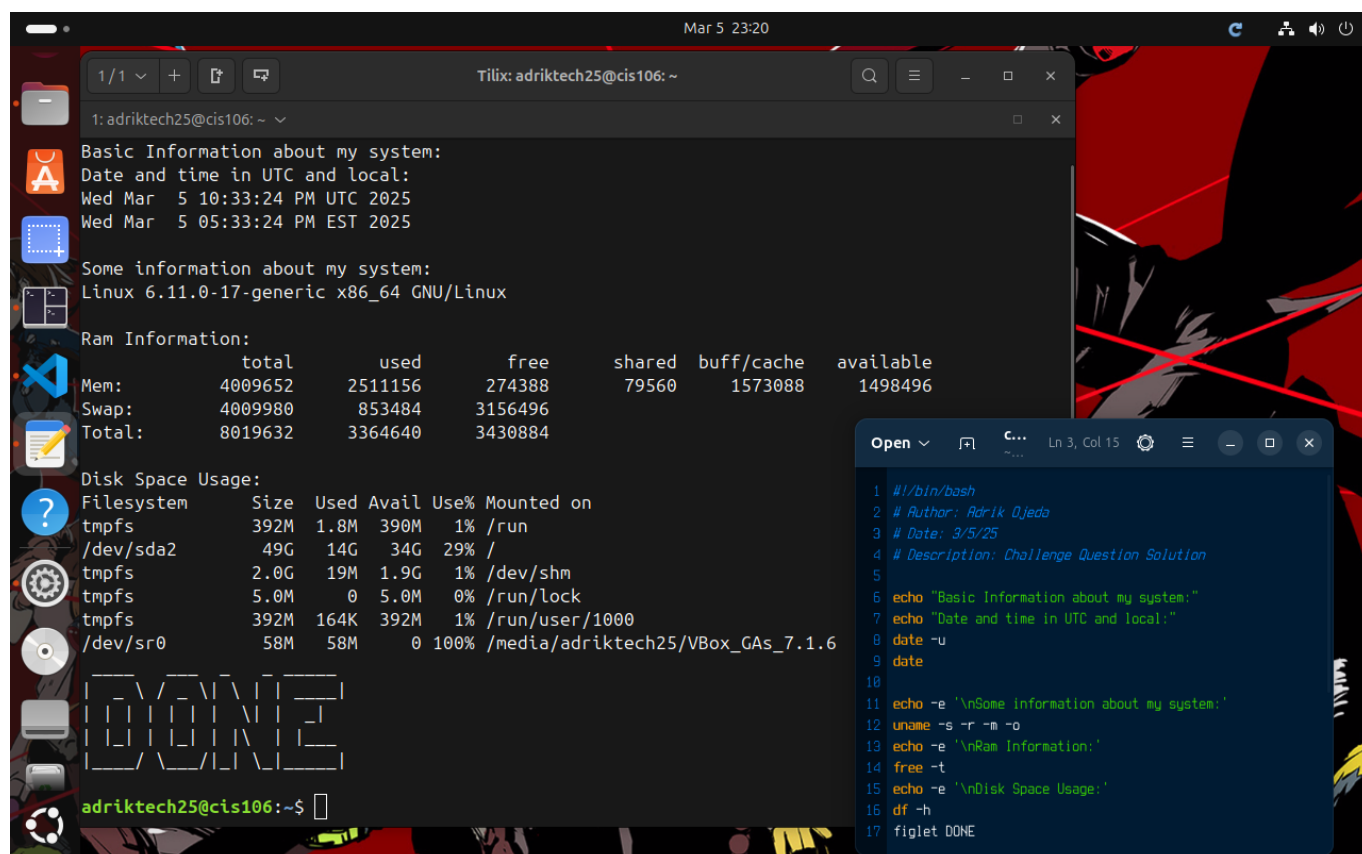
## Question 3



A terminal window titled "Tilix: adriktech25@cis106: ~" showing the execution of a shell script. The script prints the current date and time, the machine's name, the current user, and the current date. The output is as follows:

```
1: adriktech25@cis106: ~  
adriktech25@cis106:~$ bash ~/cis106-/labs/labs3/lab3-script.sh  
This is a shell script,  
This script will print the current dateWed Mar 5 04:31:04 PM EST 2025  
This is the machine's name:  
cis106  
This is the current user:  
adriktech25  
This is the current date  
Wednesday, March 05 16:31 EST  
adriktech25@cis106:~$
```

## Challenge Question



A terminal window titled "Tilix: adriktech25@cis106: ~" showing the output of a script. The script prints the following information:

```
1: adriktech25@cis106: ~  
Basic Information about my system:  
Date and time in UTC and local:  
Wed Mar 5 10:33:24 PM UTC 2025  
Wed Mar 5 05:33:24 PM EST 2025  
Some information about my system:  
Linux 6.11.0-17-generic x86_64 GNU/Linux  
Ram Information:  
total used free shared buff/cache available  
Mem: 4009652 2511156 274388 79560 1573088 1498496  
Swap: 4009980 853484 3156496  
Total: 8019632 3364640 3430884  
Disk Space Usage:  
Filesystem Size Used Avail Use% Mounted on  
tmpfs 392M 1.8M 390M 1% /run  
/dev/sda2 49G 14G 34G 29% /  
tmpfs 2.0G 19M 1.9G 1% /dev/shm  
tmpfs 5.0M 0 5.0M 0% /run/lock  
tmpfs 392M 164K 392M 1% /run/user/1000  
/dev/sr0 58M 58M 0 100% /media/adriktech25/VBox_GAs_7.1.6  
adriktech25@cis106:~$
```

A second terminal window titled "Open" is shown in the foreground, displaying the script code:

```
1 #!/bin/bash  
2 # Author: Adrik Djeda  
3 # Date: 3/5/25  
4 # Description: Challenge Question Solution  
5  
6 echo "Basic Information about my system:"  
7 echo "Date and time in UTC and local:"  
8 date -u  
9 date  
10  
11 echo -e '\nSome information about my system:'  
12 uname -s -r -m -o  
13 echo -e '\nRam Information:'  
14 free -t  
15 echo -e '\nDisk Space Usage:'  
16 df -h  
17 figlet DONE
```

Script Source code:

[lab3](#)