

Lab 3 Submission

Question 2

1/1 + [icons]

Tilix: federico-silva@federico-silva-VMware-Virtual-Platform: ~

[icons]

1: federico-silva@federico-silva-VMware-Virtual-Platform: ~

```
federico-silva@federico-silva-VMware-Virtual-Platform:~$ echo "hello world"
hello world
federico-silva@federico-silva-VMware-Virtual-Platform:~$ echo -n "hello world"
hello world
federico-silva@federico-silva-VMware-Virtual-Platform:~$ echo -e "\thello world"
    hello world
federico-silva@federico-silva-VMware-Virtual-Platform:~$ echo -e "\thello\nworld"
    hello
world
federico-silva@federico-silva-VMware-Virtual-Platform:~$ echo -e "line1\n line2"
line1
line2
federico-silva@federico-silva-VMware-Virtual-Platform:~$ echo -e "line1\n\tline2"
line1
    line2
federico-silva@federico-silva-VMware-Virtual-Platform:~$ echo -e "\tline1\n\tline2"
    line1
    line2
federico-silva@federico-silva-VMware-Virtual-Platform:~$
```

2: federico-silva@federico-silva-VMware-Virtual-Platform: ~

```
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

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

Question 3

1/1 + [icons]

Tilix: federico-silva@federico-silva-VMware-Virtual-Platform: ~

[icons]

1: federico-silva@federico-silva-VMware-Virtual-Platform: ~

```
federico-silva@federico-silva-VMware-Virtual-Platform:~$ bash -c /cis106/labs/lab3/lab3-script1.sh
This is a shell script,
This script will print the current dateMon Mar  3 09:26:37 PM EST 2025
This is the machine's name:
federico-silva-VMware-Virtual-Platform
This is the current user:
federico-silva
This is the current date
Monday, March 1741055197 21:26 EST
federico-silva@federico-silva-VMware-Virtual-Platform:~$
```

lab3-script1.sh

Ln 2, Col 25 [icons]

```
1 #!/bin/bash
2 # Author: Federico Silva
3 # Date: 03/03/24
4 # Description: This is a basic script that
5 # uses environment variables and the date command
6 echo "This is a shell script,"
7 echo -n "This script will print the current date"
8 date
9 echo "This is the machine's name:"
10 uname -n
11 echo "This is the current user:"
12 echo $USER
13 echo "This is the current date"
14 date +"%A, %B %s %R %Z"
```

Challenge Question

```
1: federico-silva@federico-silva-VMware-Virtual-Platform: ~ ▾
federico-silva@federico-silva-VMware-Virtual-Platform:~$ bash ~/cis106/labs/lab3/challenge_lab3.sh
Basic Information about my system
Date and time in UTC and local:
03/03/25 22:21:51 UTC
03/04/25 03:21:51 EDT

Some information about my system:
Linux 6.8.0-52-generic

RAM Information:
total      used      free      shared  buff/cache  available
Mem:      3.8Gi      2.4Gi      362Mi      61Mi      1.3Gi      1.3Gi
Swap:     3.8Gi      638Mi      3.2Gi

Disk Space Usage:
Filesystem      Size  Used Avail Use% Mounted on
tmpfs           387M  5.0M  382M   2% /run
/dev/sda2       49G   13G   34G  28% /
tmpfs           1.9G   0    1.9G   0% /dev/shm
tmpfs           5.0M  8.0K  5.0M   1% /run/lock
tmpfs           387M  168K  387M   1% /run/user/1000
/dev/sr0        5.8G  5.8G   0 100% /media/federico-silva/Ubuntu 24.04.1 LTS amd64
federico-silva@federico-silva-VMware-Virtual-Platform:~$ █
```

Script Source code:

[lab3 challenge](#)