

Lab 3 Submission

Question 2

1/1 + [icons]

Tilix: mahima-rana@cis106: ~

[search] [menu] [close]

1: mahima-rana@cis106: ~

2: mahima-rana@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:

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

mahima-rana@cis106:~\$ echo "hello class"

hello class

mahima-rana@cis106:~\$ echo -n "hello class"

hello classmahima-rana@cis106:~\$ echo -ord"llo\nw

hello

world

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

hello

\world

mahima-rana@cis106:~\$

Question 3

Open [icon]

lab3-script1.sh ~ /cis106/labs/lab3 Ln 3, Col 42 [icons]

1 #!/bin/bash

2 # Author: Mahima Rana

3 # Date: current date in format 10/08/2024

4 # Description: This is a basic script that

5 # uses environment variables and the date command

6

7 echo "This is a shell script,"

8 echo -n "This script will print the current date"

9 date

10 echo "This is the machine's name:"

11 uname -n

12 echo "This is the current user:"

13 echo \$USER

14 echo "This is the current date"

15 date +"%A, %B %d %R %Z"

16

1/1 + [icons]

Tilix: mahima-rana@cis106: ~

[search] [menu] [close]

1: mahima-rana@cis106: ~

mahima-rana@cis106:~\$ bash ~/cis106/labs/lab3/lab3-script1.sh

This is a shell script,

This script will print the current dateTue Oct 8 05:24:28 PM EDT 2024

This is the machine's name:

cis106

This is the current user:

mahima-rana

This is the current date

Tuesday, October 08 17:24 EDT

mahima-rana@cis106:~\$

Challenge Question

```
1 / 1 + [icons] Tilix: mahima-rana@cis106: ~
1: mahima-rana@cis106: ~
mahima-rana@cis106:~$ bash ~/cis106/labs/lab3/challenge_lab3.sh
basic information about my system
Date and time in UTC and local:
10/08/24 10:14:15 PM +0000 UTC
10/08/24 18:14 -0400

some information about my system:
Linux cis106 6.8.0-45-generic #45-Ubuntu SMP PREEMPT_DYNAMIC Fri Aug 30 12:02:04 UTC 2024 x86_64 x86_64 x86_64 GNU/Linux

RAM Information
      total      used      free    shared buff/cache   available
Mem:    3.8Gi    2.5Gi    591Mi    238Mi     1.2Gi     1.4Gi
Swap:   3.8Gi    577Mi    3.3Gi

Disk space Usage
df: /dev/nvme0n1p3: No such file or directory

  _ _ _ _ _
 | _ _ _ _ _ |
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 | _ _ _ _ _ |

mahima-rana@cis106:~$
```

Script Source code:

[lab3 challenge](#)