

# Lab 3 Submission

## Question 2

1/1 + [icons]

Tilix: hrmartinez@cis106: ~

[icons]

1: hrmartinez@cis106: ~

2: hrmartinez@cis106: ~

hrmartinez@cis106:~\$ echo "hello world"  
hello world  
hrmartinez@cis106:~\$ echo -e "\thello world"  
hello world  
hrmartinez@cis106:~\$ echo -e "line1\nline2"  
line1  
line2  
hrmartinez@cis106:~\$ echo -e "line1\n\tline2"  
line1  
line2  
hrmartinez@cis106:~\$ echo -e "\tline1\n\tline2"  
line1  
line2  
hrmartinez@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

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

## Question 3



## Challenge Question

```
hrmartinez@cis106: ~  
[root@kali:~]# ssh hrmartinez@cis106  
hrmartinez@cis106:~$ cat /etc/passwd | grep root  
root:x86_64:/usr/sbin/nologin:  
  
hrmartinez@cis106:~$ bash cis106/labs/lab3/challenge_lab3.sh  
Basic Information about my system  
Date and time in UTC and local:  
10/11/24-05:46:57 AM-UTC  
10/11/24-01:46:57 AM-EDT  
cis106/labs/Lab3/challenge_lab3.sh: line 6: cheatSheets: command not found  
cis106/labs/Lab3/challenge_lab3.sh: line 7: cheatSheets: command not found  
Some Information about my system:  
x86_64  
RAM Information
```

	total	used	free	shared	buff/cache	available
Mem:	4010096	2410276	1127780	258792	965036	1599820
Swap:	4009980	2084656	1925324			

```
Disk Space Information  
Filesystem      1K-blocks    Used Available Use% Mounted on  
tmpfs            401012        4780   396232     2% /run  
/dev/sda2       51287520 15289704 33360148   32% /\n/tmpfs           2005048    17040  1988008     1% /dev/shm\n/tmpfs             5120         0     5120     0% /run/lock\n/tmpfs          401008     2620   398388     1% /run/user/1000
```

```
[root@kali:~]# ssh hrmartinez@cis106  
hrmartinez@cis106:~$
```

Script Source code:

## lab3 challenge