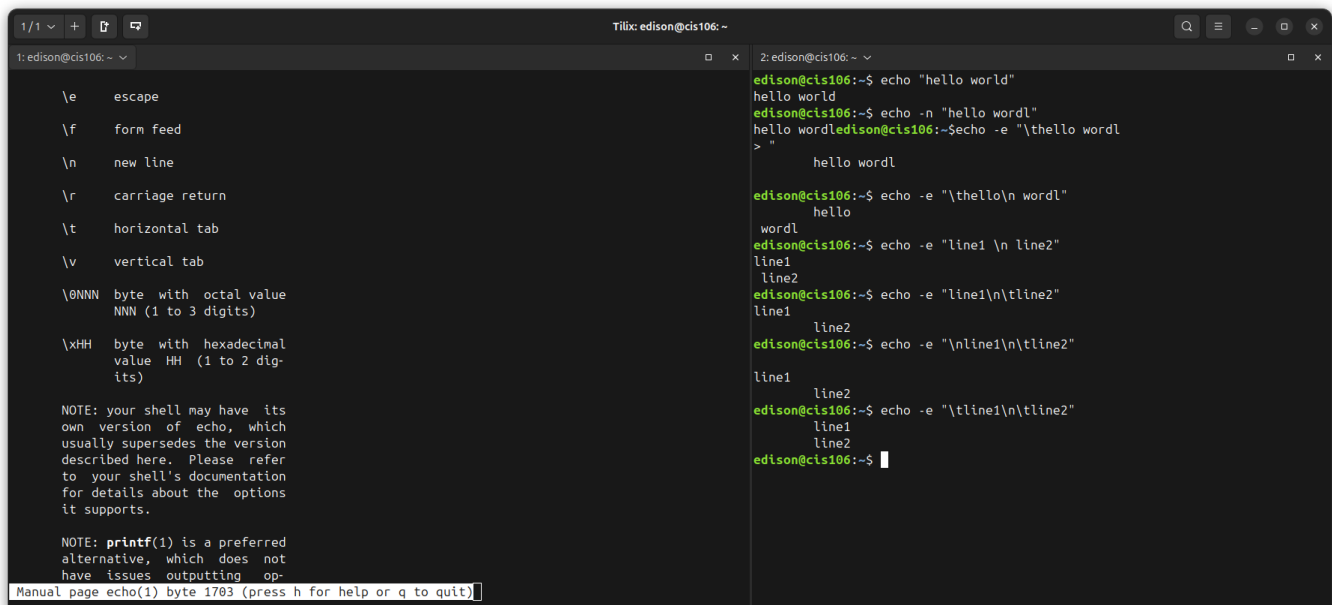


Lab 3 Submission

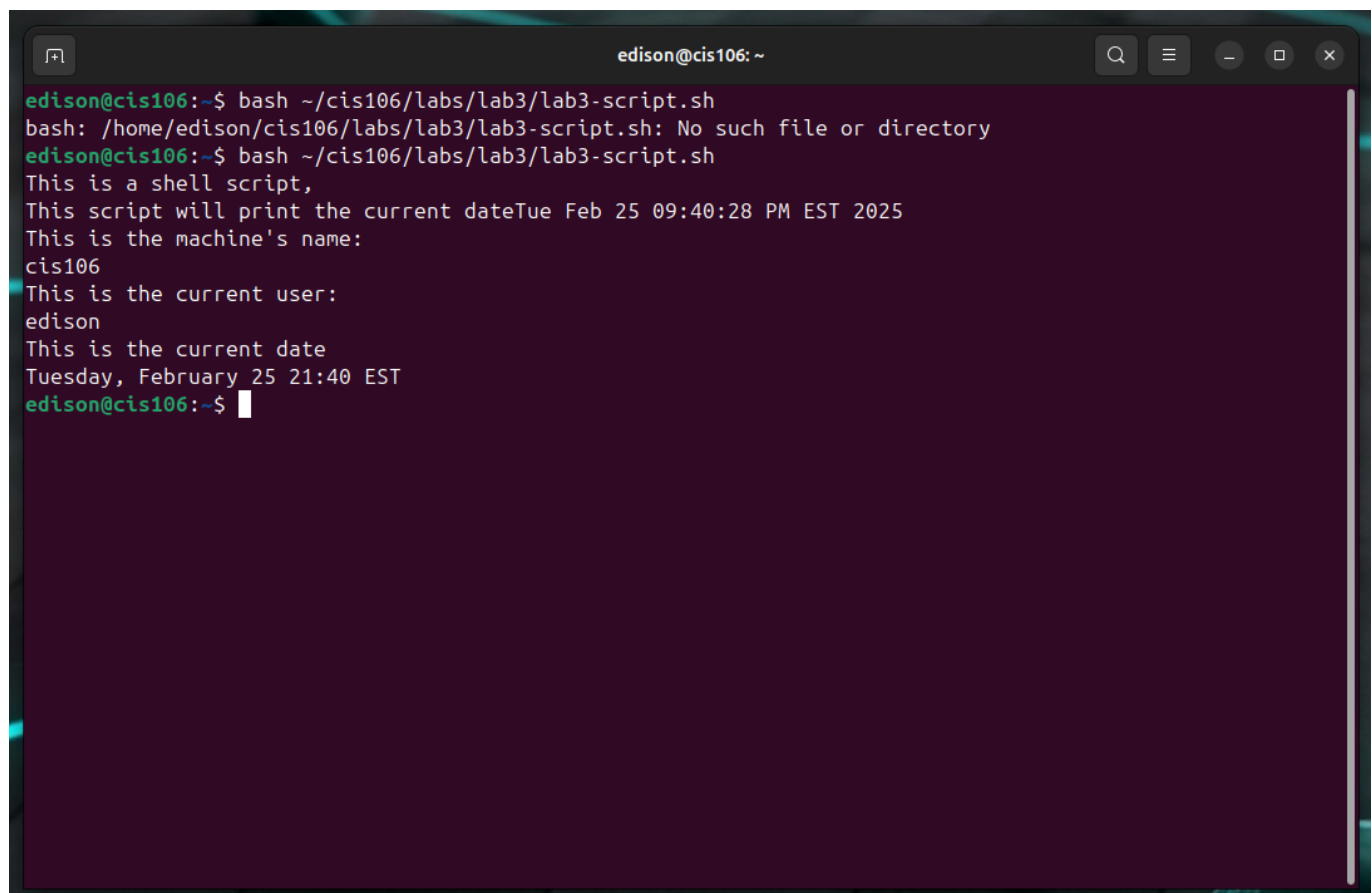
Question 2



```
1: edison@cis106: ~  
  \e      escape  
  \f      form feed  
  \n      new line  
  \r      carriage return  
  \t      horizontal tab  
  \v      vertical tab  
  
  \0NNN   byte with octal value  
          NNN (1 to 3 digits)  
  
  \xHH    byte with hexadecimal  
          value HH (1 to 2 dig-  
          its)  
  
NOTE: your shell may have its  
own version of echo, which  
usually supersedes the version  
described here. Please refer  
to your shell's documentation  
for details about the options  
it supports.  
  
NOTE: printf(1) is a preferred  
alternative, which does not  
have issues outputting op-  
Manual page echo(1) byte 1783 (press h for help or q to quit)
```

```
2: edison@cis106: ~  
edison@cis106:~$ echo "hello world"  
hello world  
edison@cis106:~$ echo -n "hello wordl"  
hello wordledison@cis106:~$ echo -e "\thello wordl"  
> "      hello wordl  
edison@cis106:~$ echo -e "\thello\n wordl"  
      hello  
      wordl  
edison@cis106:~$ echo -e "line1 \n line2"  
line1  
      line2  
edison@cis106:~$ echo -e "line1\n\tline2"  
line1  
      line2  
edison@cis106:~$ echo -e "\nline1\n\tline2"  
      line1  
      line2  
edison@cis106:~$ echo -e "\tline1\n\tline2"  
      line1  
      line2  
edison@cis106:~$
```

Question 3



```
edison@cis106: ~  
edison@cis106:~$ bash ~/cis106/labs/lab3/lab3-script.sh  
bash: ~/cis106/labs/lab3/lab3-script.sh: No such file or directory  
edison@cis106:~$ bash ~/cis106/labs/lab3/lab3-script.sh  
This is a shell script,  
This script will print the current dateTue Feb 25 09:40:28 PM EST 2025  
This is the machine's name:  
cis106  
This is the current user:  
edison  
This is the current date  
Tuesday, February 25 21:40 EST  
edison@cis106:~$
```

Challenge Question

```

edison@cis106: ~
Terminal
edison@cis106:~$ bash ~/cis106/labs/lab3/challenge_lab3.sh
Basic Information about my system

Date and time in UTC and local:
02/26/25 07:19:36 AM UTC
02/26/25 02:19:36 AM EDT

Some information about my system
Linux cis106 6.11.0-17-generic #17~24.04.2-Ubuntu SMP PREEMPT_DYNAMIC Mon Jan 20 22:48:29 UTC 2 x86_64 x86_64 x86_64 GNU/Linux

RAM Information


|       | total | used  | free  | shared | buff/cache | available |
|-------|-------|-------|-------|--------|------------|-----------|
| Mem:  | 3.8Gi | 1.6Gi | 794Mi | 47Mi   | 1.7Gi      | 2.2Gi     |
| Swap: | 3.8Gi | 0B    | 3.8Gi |        |            |           |



Disk Space Usage


| Filesystem | Size | Used | Avail | Use% | Mounted on                   |
|------------|------|------|-------|------|------------------------------|
| tmpfs      | 392M | 4.7M | 387M  | 2%   | /run                         |
| /dev/sda2  | 49G  | 18G  | 29G   | 39%  | /                            |
| tmpfs      | 2.0G | 0    | 2.0G  | 0%   | /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/edison/VBox_GAs_7.1.6 |



  _ _ _ _ _
 | _ _ \ / _ _ \ \ _ _ |
 | | | | | | | | | | _|
 | | | | | | | | | |
 | _ _ \ / _ _ \ / _ _ \
 | _ _ \ / _ _ \ / _ _ \

edison@cis106:~$

```

Script Source code:

lab3 challenge