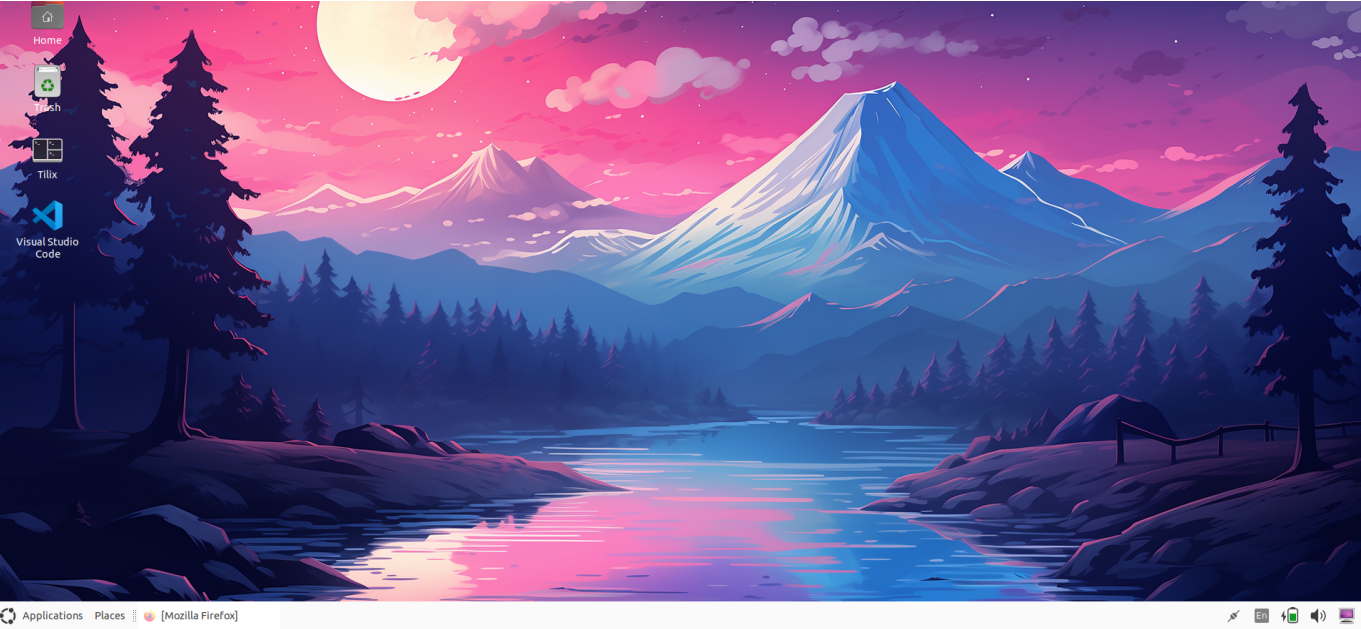


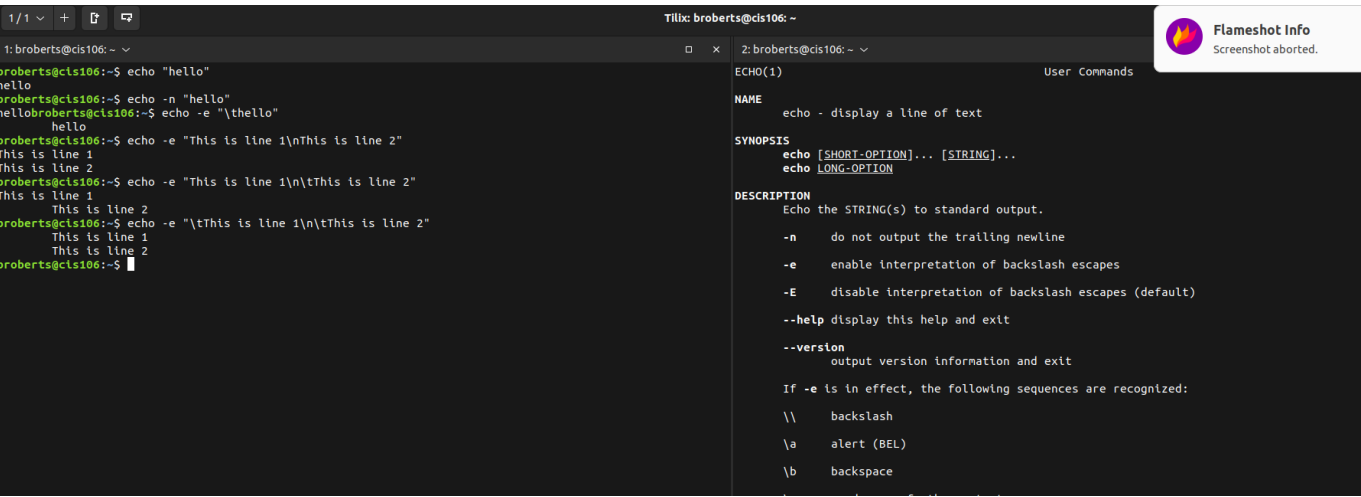
Lab 3 Submission

Question 1

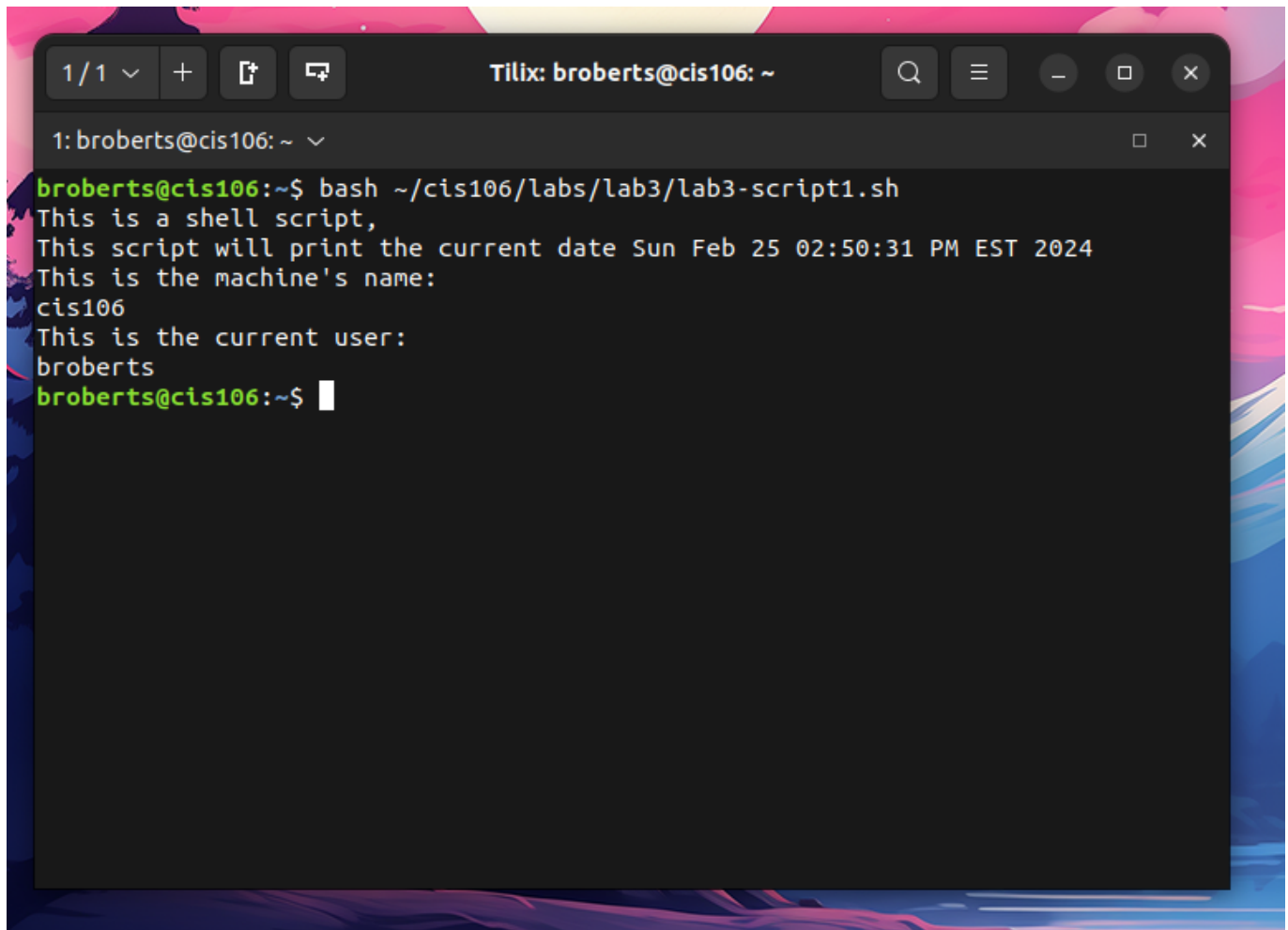
q1.1



Question 2

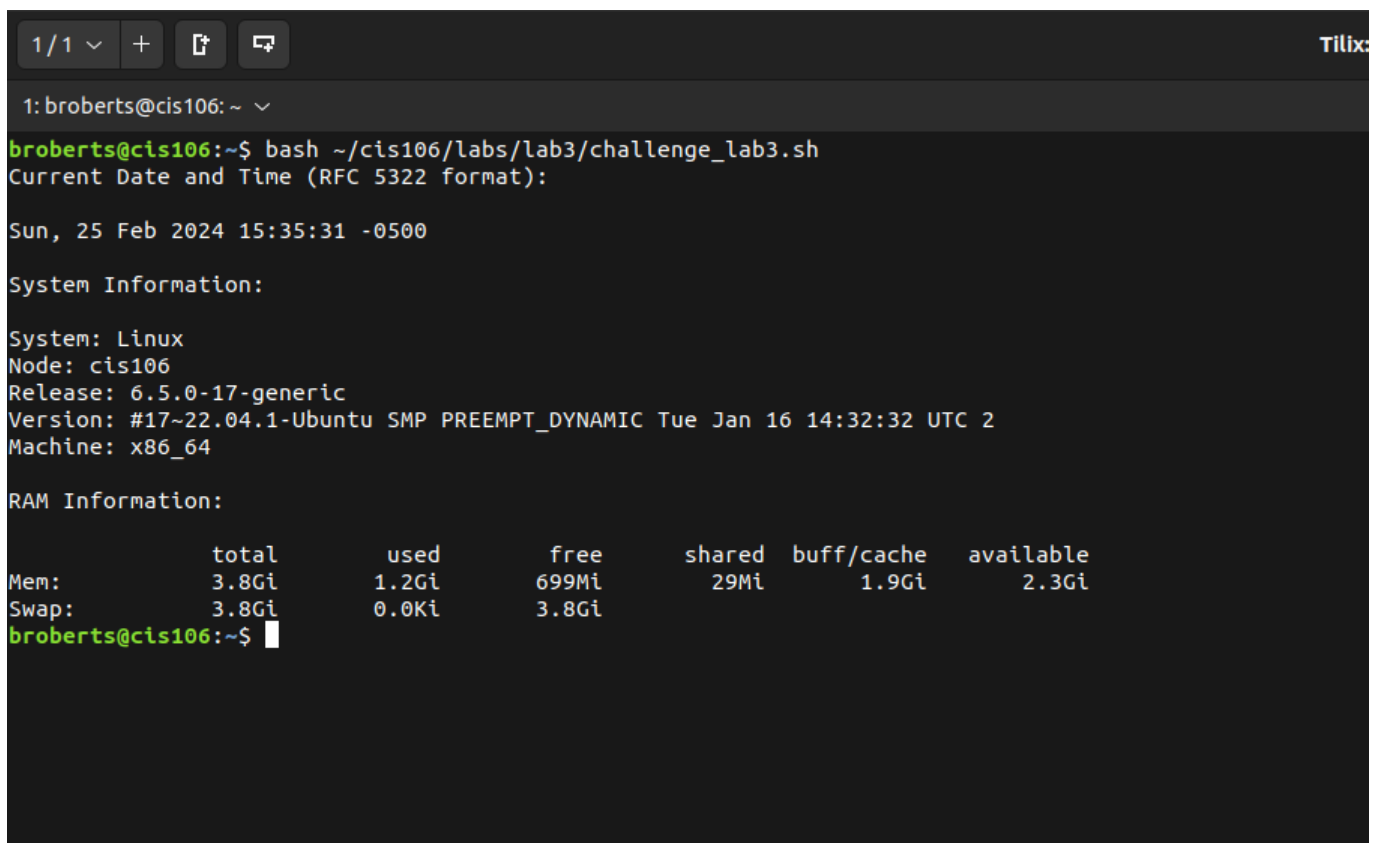


Question 3

A terminal window titled 'Tilix: broberts@cis106: ~' showing a shell script being executed. The script prints the current date, the machine's name, and the current user.

```
1/1 v + [ [
Tilix: broberts@cis106: ~
1: broberts@cis106: ~ v
broberts@cis106:~$ bash ~/cis106/labs/lab3/lab3-script1.sh
This is a shell script,
This script will print the current date Sun Feb 25 02:50:31 PM EST 2024
This is the machine's name:
cis106
This is the current user:
broberts
broberts@cis106:~$
```

Challenge Question

A terminal window titled 'Tilix: broberts@cis106: ~' showing a challenge script being executed. The script prints the current date and time in RFC 5322 format, system information, and RAM information.

```
1/1 v + [ [
Tilix: broberts@cis106: ~
1: broberts@cis106: ~ v
broberts@cis106:~$ bash ~/cis106/labs/lab3/challenge_lab3.sh
Current Date and Time (RFC 5322 format):

Sun, 25 Feb 2024 15:35:31 -0500

System Information:

System: Linux
Node: cis106
Release: 6.5.0-17-generic
Version: #17~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Tue Jan 16 14:32:32 UTC 2
Machine: x86_64

RAM Information:

total      used      free      shared  buff/cache  available
Mem:      3.8Gi      1.2Gi      699Mi      29Mi       1.9Gi       2.3Gi
Swap:     3.8Gi       0.0Ki      3.8Gi

broberts@cis106:~$
```

Script Source code:

lab3