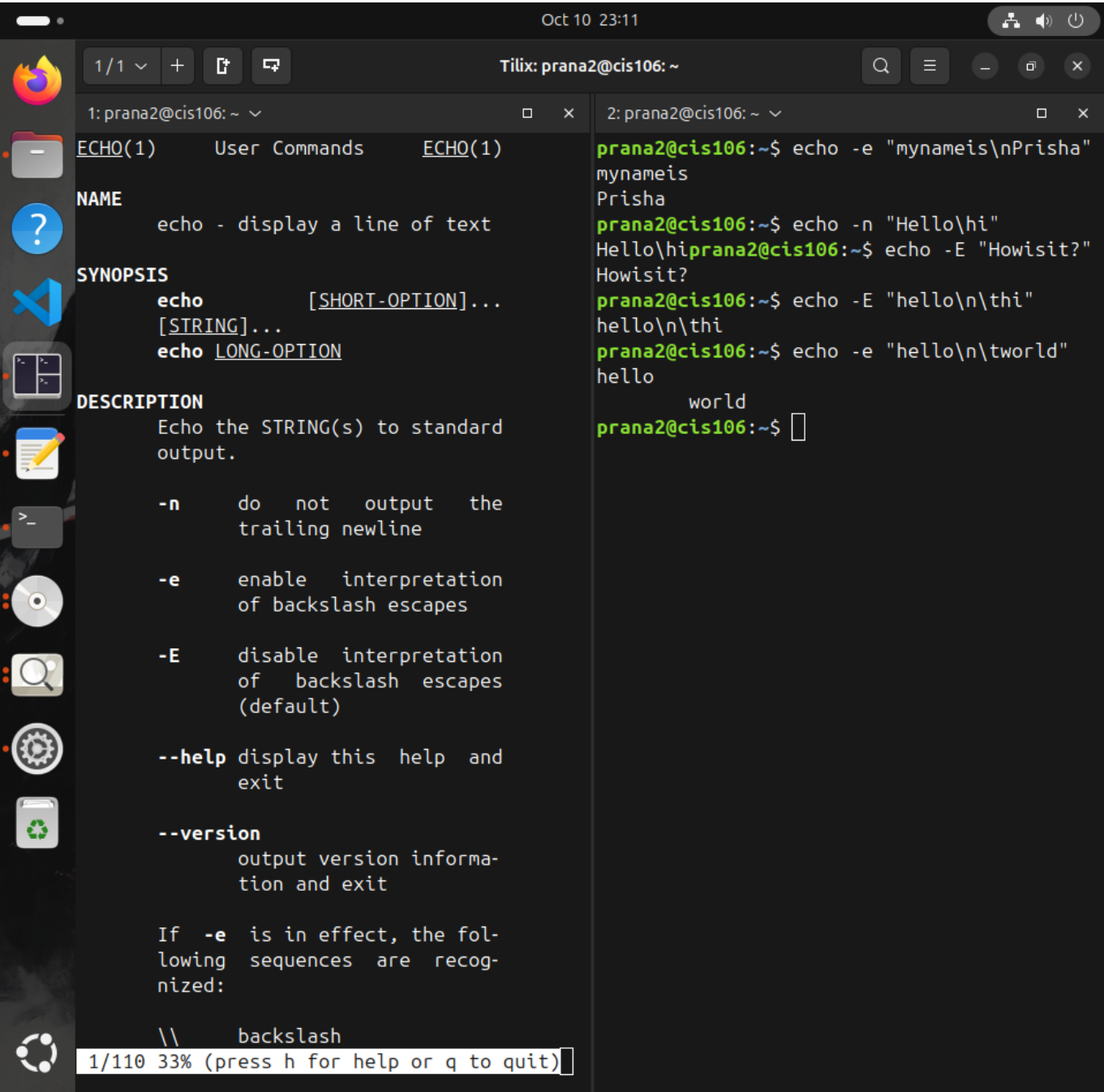


# Lab 3 Submission

## Question 2



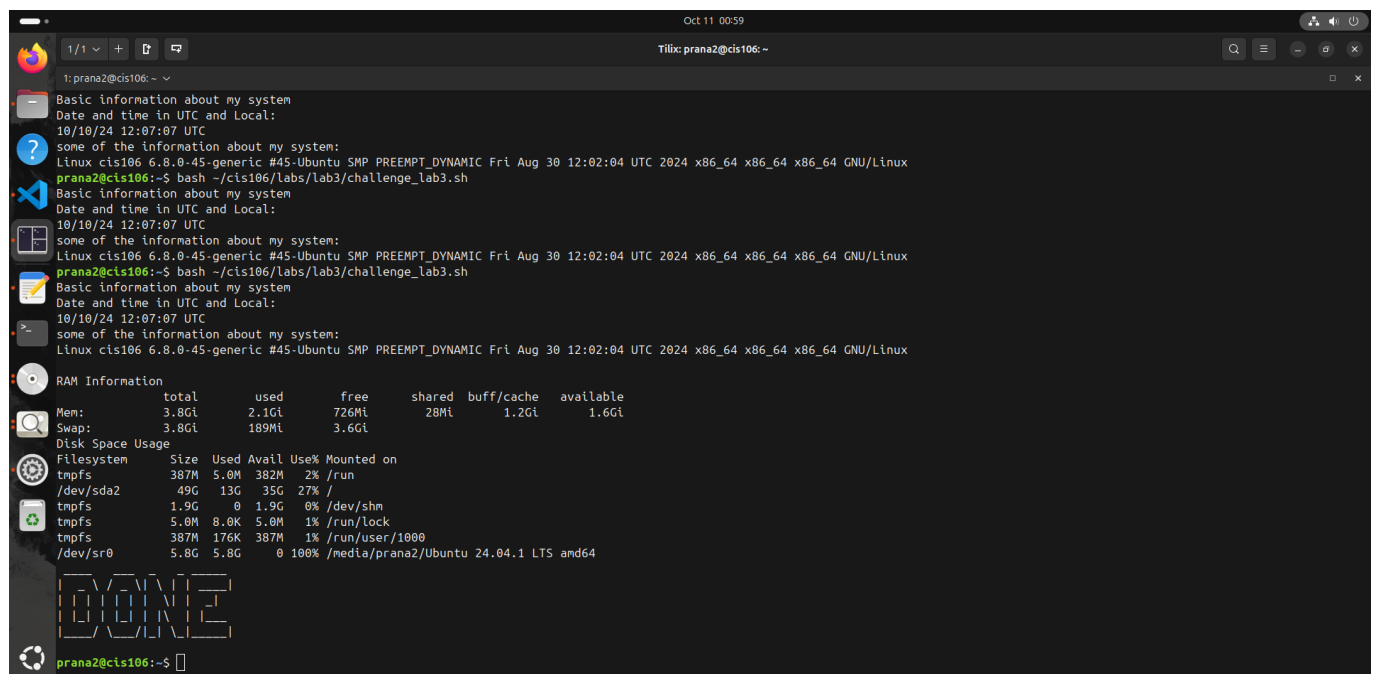
## Question 3

```

prana2@cis106:~$ # Description: This is a basic script that
prana2@cis106:~$ # uses environment variables and the date command
prana2@cis106:~$
prana2@cis106:~$ #!/bin/bash
prana2@cis106:~$ echo "This is a shell script,"
This is a shell script,
prana2@cis106:~$ echo -n "This script will print the current date"
This script will print the current dateprana2@cis106:~$ date
Fri Oct 11 01:07:01 AM EDT 2024
prana2@cis106:~$ echo "This is the machine's name:"
This is the machine's name:
prana2@cis106:~$ uname -n
cis106
prana2@cis106:~$ echo "This is the current user:"
This is the current user:
prana2@cis106:~$ echo $USER
prana2
prana2@cis106:~$ echo "This is the current date"
This is the current date
prana2@cis106:~$ date +"%A, %B %d %R %Z"
Friday, October 11 01:07 EDT
prana2@cis106:~$ ~
bash: /home/prana2: Is a directory
prana2@cis106:~$

```

## Challenge Question



The screenshot shows a terminal window titled "Tilix: prana2@cis106: ~" with the following output:

```

1: prana2@cis106: ~
Basic information about my system
Date and time in UTC and Local:
10/10/24 12:07:07 UTC
some of the 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 GNU/Linux
prana2@cis106:~$ bash ~/cis106/labs/lab3/challenge_lab3.sh
Basic information about my system
Date and time in UTC and Local:
10/10/24 12:07:07 UTC
some of the 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 GNU/Linux
prana2@cis106:~$ bash ~/cis106/labs/lab3/challenge_lab3.sh
Basic information about my system
Date and time in UTC and Local:
10/10/24 12:07:07 UTC
some of the 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 GNU/Linux

```

Below the system information, there is a section for RAM Information and Disk Space Usage.

RAM Information						
	total	used	free	shared	buff/cache	available
Mem:	3.8Gi	2.1Gi	726Mi	28Mi	1.2Gi	1.6Gi
Swap:	3.8Gi	189Mi	3.6Gi			

Disk Space Usage						
Filesystem	Size	Used	Avail	Use%	Mounted on	
tmpfs	387M	5.0M	382M	2%	/run	
/dev/sda2	49G	13G	35G	27%	/	
tmpfs	1.9G	0	1.9G	0%	/dev/shm	
tmpfs	5.0M	8.0K	5.0M	1%	/run/lock	
tmpfs	387M	176K	387M	1%	/run/user/1000	
/dev/sr0	5.8G	5.8G	0	100%	/media/prana2/Ubuntu 24.04.1 LTS amd64	

At the bottom of the terminal, there is a large "DONE" text and the prompt "prana2@cis106:~\$".

## Script Source code:

[lab3](#)