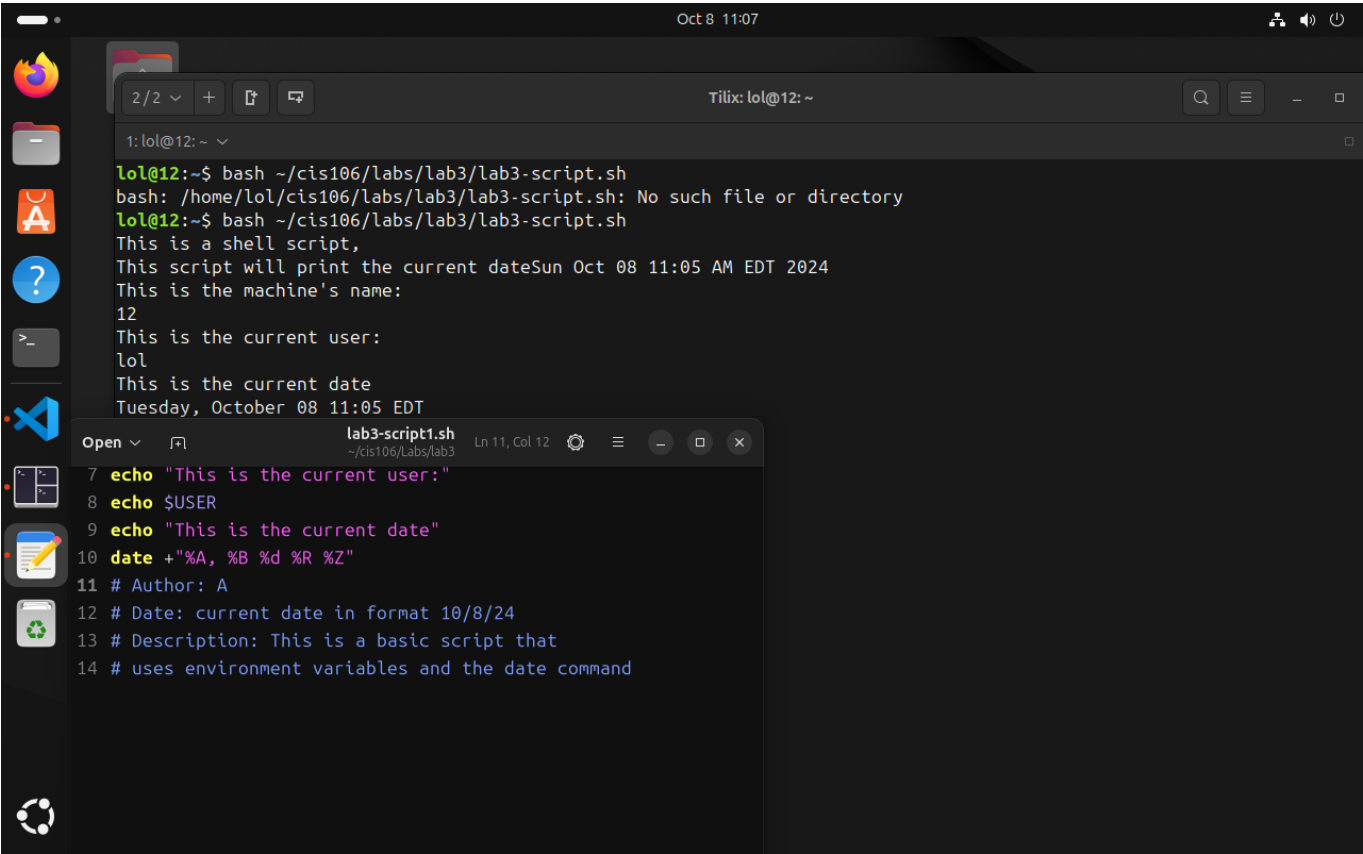


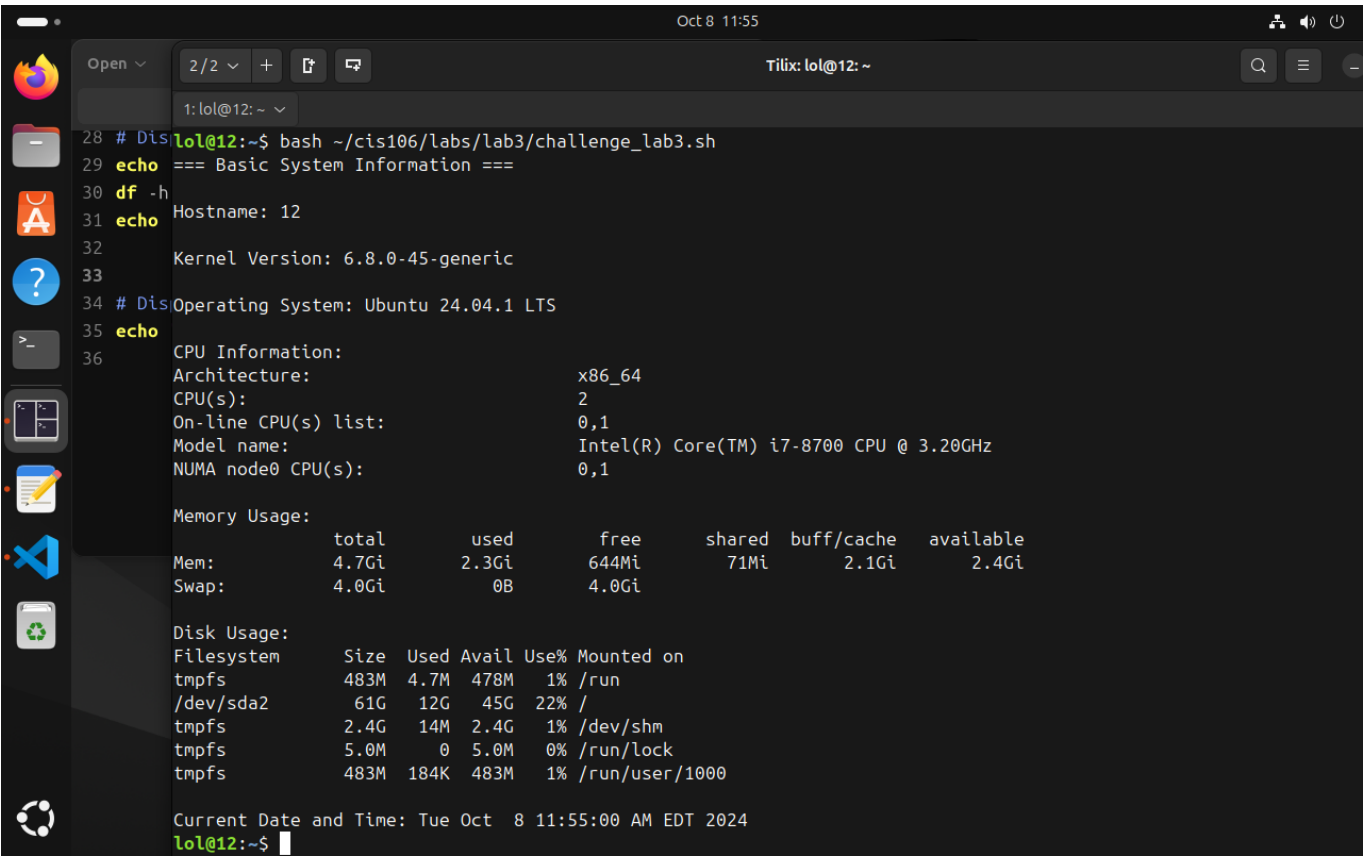
# Lab 3 Submission

A screenshot of a terminal window with a dark theme. The terminal is split into two panes. The left pane shows a series of commands and their outputs:   
1. `lol@12:~$ echo "hello world"` outputs `hello world`.   
2. `lol@12:~$ echo -n "hello world"` outputs `hello world`.   
3. `lol@12:~$ echo -e "\thello world"` outputs `hello world`.   
4. `lol@12:~$ echo -e "\thello\nworld"Z` outputs `hello worldZ`.   
5. `lol@12:~$ echo e -e "line1 \n line2"` outputs `e -e line1 \n line2`.   
6. `lol@12:~$ echo -e "line1 \n line2"` outputs `line1 line2`.   
7. `lol@12:~$ echo -e "line1\n\nline2"` outputs `line1 \nline2`.   
8. `lol@12:~$ echo -e "nline1\n\tline2"` outputs `nline1 line2`.   
9. `lol@12:~$ ^c` (Ctrl-C) is pressed.   
10. `eh -e "nline1\n\tline2"` is entered, resulting in an error: `Command 'eh' not found, did you mean: command 'ego' from snap ego-dev (1.5.4) command 'exo' from snap exoscale-cli (v1.22.2) command 'ehlo' from snap ehlo (0.0.83) command 'echo' from deb coreutils (9.4-2ubuntu2) command 'who' from deb coreutils (9.4-2ubuntu2) See 'snap info <snapname>' for additional versions.`   
11. `lol@12:~$ echo -e "\tline1\n\tline2"` outputs `line1 line2`.   
The right pane displays the man page for the `echo` command. It includes sections for NAME, SYNOPSIS, and DESCRIPTION. The SYNOPSIS shows `echo [SHORT-OPTION]... [STRING]...` and `echo LONG-OPTION`. The DESCRIPTION explains that `echo` outputs the `STRING(s)` to standard output. It lists options: `-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), and `--version` (output version information and exit). It also notes that if `-e` is in effect, the following sequences are recognized: `\\` (backslash) and `\a` (alert (BEL)). At the bottom of the right pane, it says "Manual page echo(1) line 1 (press h for help or q to quit)".

### Question 3



Challenge Question



Script Source code:

text