

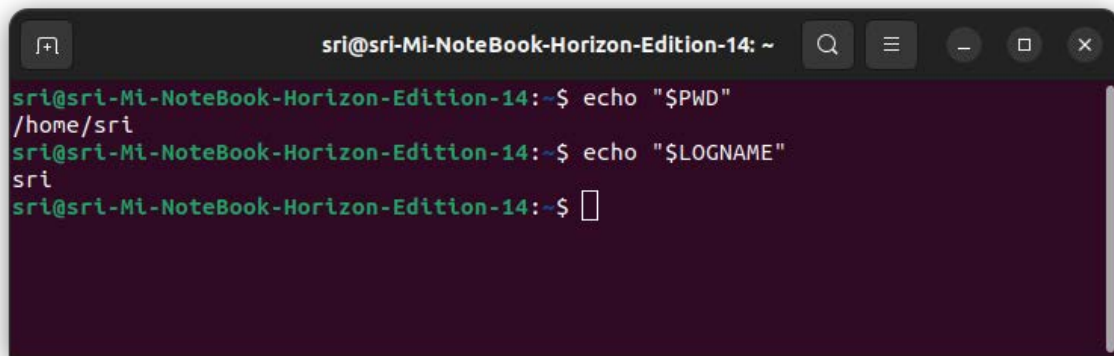
EmbedUR - Linux Training Program

Module - 3

Assignment – 15 (Basics of Shell Scripting)

- 1) Write a simple Bash program to get the following system variables:
 - a. pwd
 - b. logname

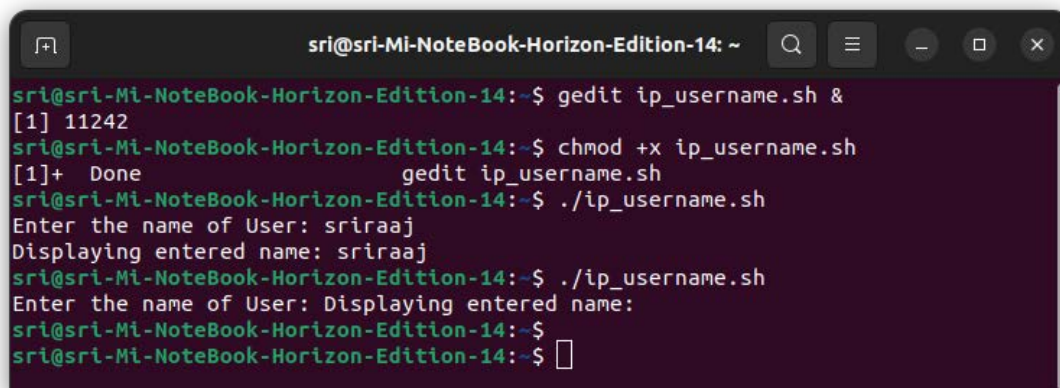
Output:



```
sri@sri-Mi-NoteBook-Horizon-Edition-14: ~  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ echo "$PWD"  
/home/sri  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ echo "$LOGNAME"  
sri  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$
```

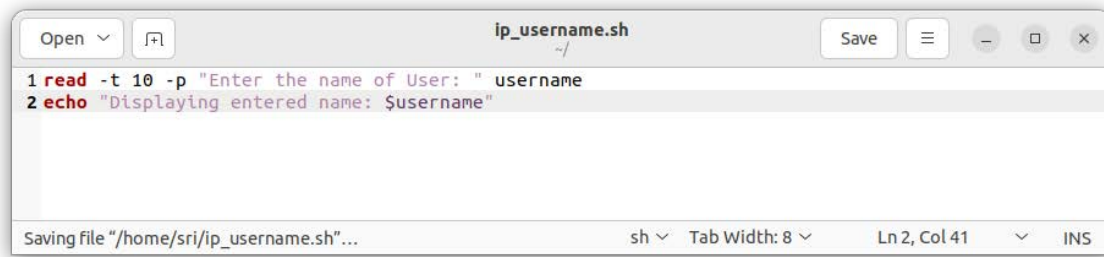
- 2) Write a simple Bash program:
 - a. To ask username from user
 - b. Exit the program, if user does not enter anything within 10 seconds

Output:



```
sri@sri-Mi-NoteBook-Horizon-Edition-14: ~  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ gedit ip_username.sh &  
[1] 11242  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ chmod +x ip_username.sh  
[1]+  Done                  gedit ip_username.sh  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ ./ip_username.sh  
Enter the name of User: sriraj  
Displaying entered name: sriraj  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$ ./ip_username.sh  
Enter the name of User: Displaying entered name:  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$  
sri@sri-Mi-NoteBook-Horizon-Edition-14:~$
```

Script File:



The image shows a text editor window with a title bar that includes the filename 'ip_username.sh' and standard window controls (Open, Save, and window management icons). The editor contains two lines of shell script code: '1 read -t 10 -p "Enter the name of User: " username' and '2 echo "Displaying entered name: \$username"'. The status bar at the bottom indicates the file is being saved, the shell is 'sh', the tab width is 8, and the cursor is at line 2, column 41 in insert mode.

```
1 read -t 10 -p "Enter the name of User: " username
2 echo "Displaying entered name: $username"
```

Saving file "/home/sri/ip_username.sh"... sh Tab Width: 8 Ln 2, Col 41 INS