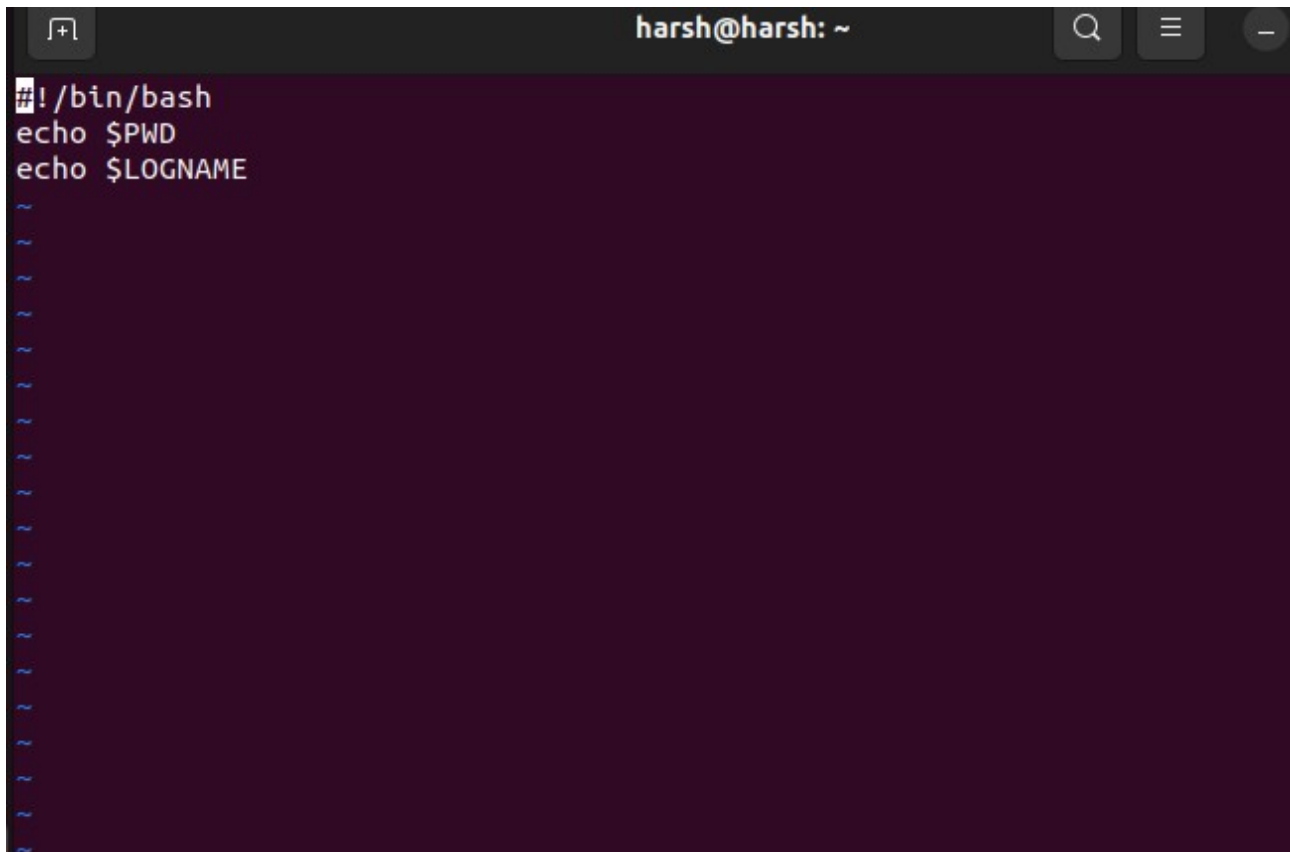
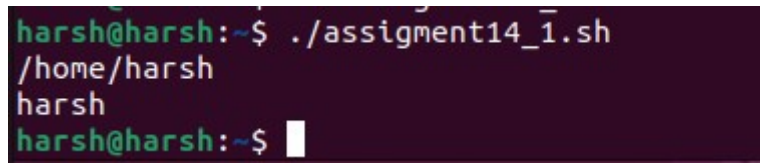


Basics of Shell Scripting

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



A terminal window titled 'harsh@harsh: ~' with search, menu, and window control icons. The prompt is '#!/bin/bash'. The user has entered two lines: 'echo \$PWD' and 'echo \$LOGNAME'. Below these, there are 15 tilde (~) characters, representing a script that prints the current directory and the current user's login name.



A terminal window showing the execution of the script. The prompt is 'harsh@harsh:~\$'. The user has entered './assignment14_1.sh'. The output is '/home/harsh' on the next line, followed by 'harsh' on the line after. The prompt is now 'harsh@harsh:~\$' with a cursor.

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

Hint: read -t 10 -p

```
1 #!/bin/bash
2 read -t 10 -p "Enter username:" username
3 if [ -z "$username" ]; then
4 exit
5
6 echo "Hello $username"
7 fi
```

```
harsh@harsh:~$ ./assignment14_2.sh
Enter username:harsh@harsh:~$ ./assignment14_2.sh
Enter username:Harsh
harsh@harsh:~$
```