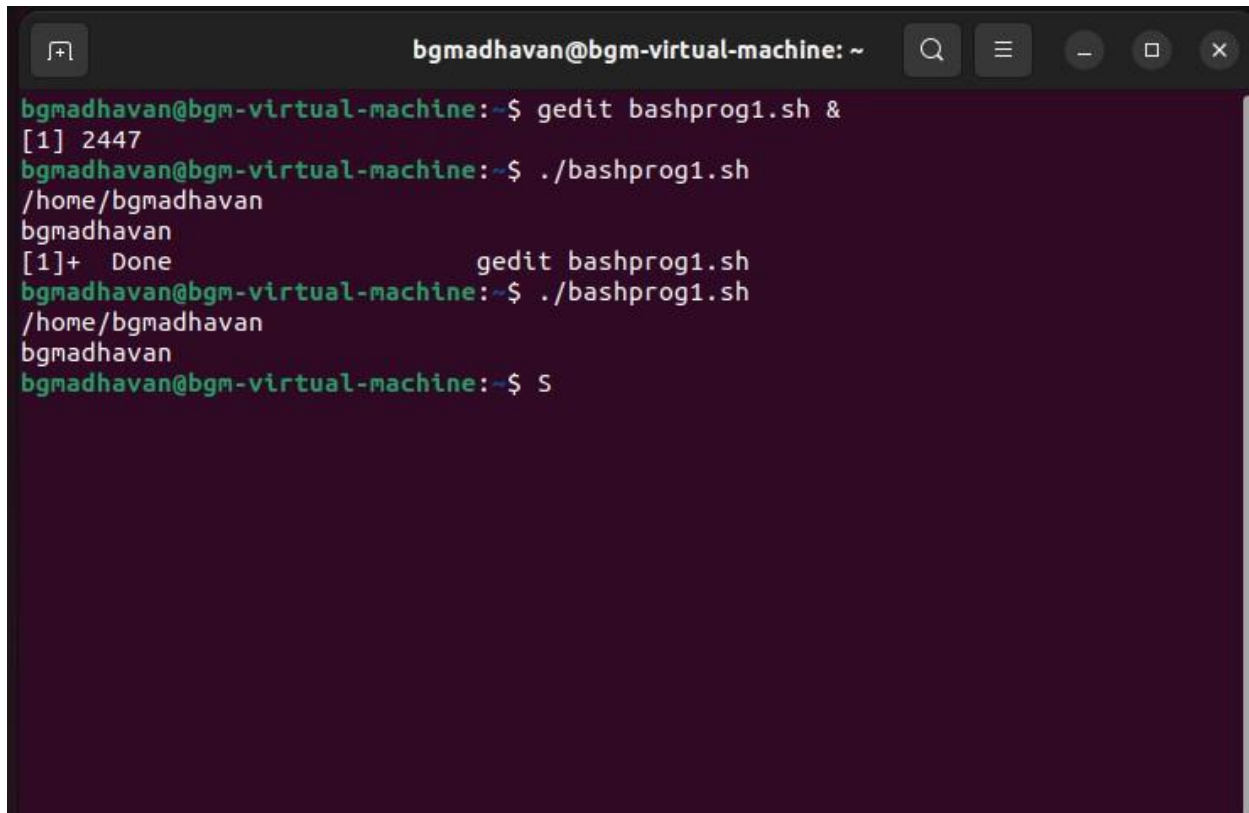


Basics of Shell Scripting

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



```
bgmadhavan@bgm-virtual-machine: ~  
bgmadhavan@bgm-virtual-machine:~$ gedit bashprog1.sh &  
[1] 2447  
bgmadhavan@bgm-virtual-machine:~$ ./bashprog1.sh  
/home/bgmadhavan  
bgmadhavan  
[1]+  Done                  gedit bashprog1.sh  
bgmadhavan@bgm-virtual-machine:~$ ./bashprog1.sh  
/home/bgmadhavan  
bgmadhavan  
bgmadhavan@bgm-virtual-machine:~$ S
```

- 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

Hint: read -t 10 -p



```
bashprog2.sh  
~/  
1 #!/bin/bash  
2 read -t 10 -p "Enter Username: " username  
3 echo "Hello $username"
```

```
bgmadhavan@bgm-virtual-machine: ~  
bgmadhavan@bgm-virtual-machine:~$ gedit bashprog1.sh &  
[1] 2447  
bgmadhavan@bgm-virtual-machine:~$ ./bashprog1.sh  
/home/bgmadhavan  
bgmadhavan  
[1]+  Done                  gedit bashprog1.sh  
bgmadhavan@bgm-virtual-machine:~$ ./bashprog1.sh  
/home/bgmadhavan  
bgmadhavan  
bgmadhavan@bgm-virtual-machine:~$ gedit bashprog2.sh &  
[1] 2491  
bgmadhavan@bgm-virtual-machine:~$ chmod +x bashprog2.sh  
[1]+  Done                  gedit bashprog2.sh  
bgmadhavan@bgm-virtual-machine:~$ ./bashprog2.sh  
Enter Username: bgmadhavan  
Hello bgmadhavan  
bgmadhavan@bgm-virtual-machine:~$ ./bashprog2.sh  
Enter Username: Hello  
bgmadhavan@bgm-virtual-machine:~$
```