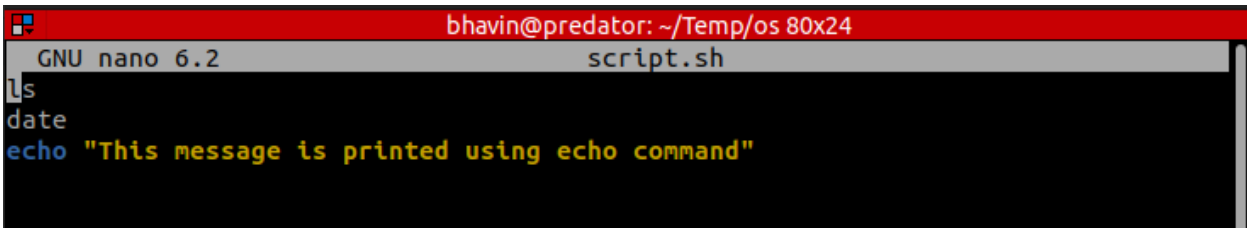
Assignment No.3

Name: Bhavin Patil

Roll No. 66

Basic Shell Programming

1. Write a shell script program to execute ls, date and echo commands repeatedly.

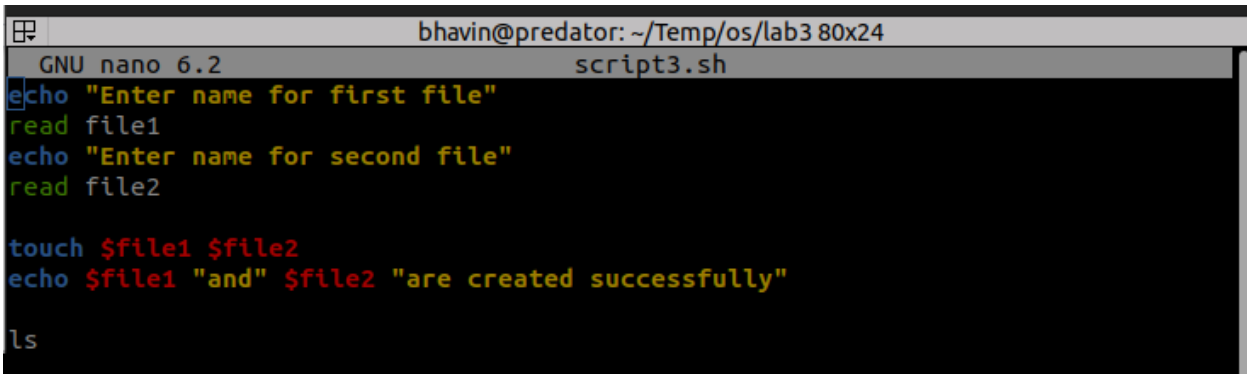


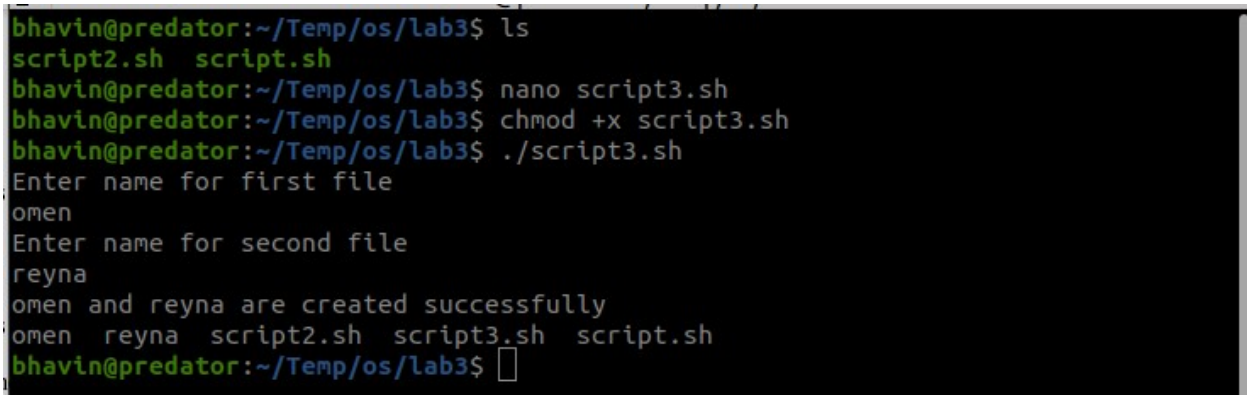

```
bhavin@predator:~/Temp/os$ nano script.sh
bhavin@predator:~/Temp/os$ chmod +x script.sh
bhavin@predator:~/Temp/os$ ./script.sh
capital   capitals1  capitals3  mycapitals  mystates  ostut
capitals  capitals2  file1      mydate      oslab     script.sh
Thursday 15 September 2022 11:03:42 AM IST
This message is printed using echo command
```

2. Write a shell script program to show the details related to shell, path and home directories of the user.

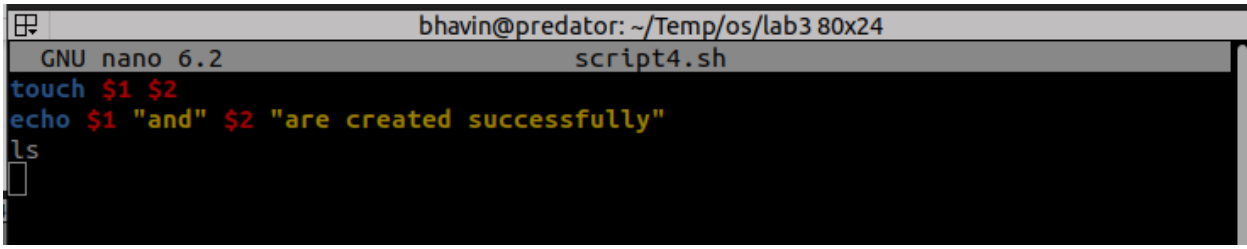

```
bhavin@predator:~/Temp/os$ nano script2.sh
bhavin@predator:~/Temp/os$ chmod +x script2.sh
bhavin@predator:~/Temp/os$ ./script2.sh
Shell : /bin/bash
Path : /usr/local/cuda/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sb
in:/bin:/usr/games:/usr/local/games:/snap/bin
Home : /home/bhavin
```

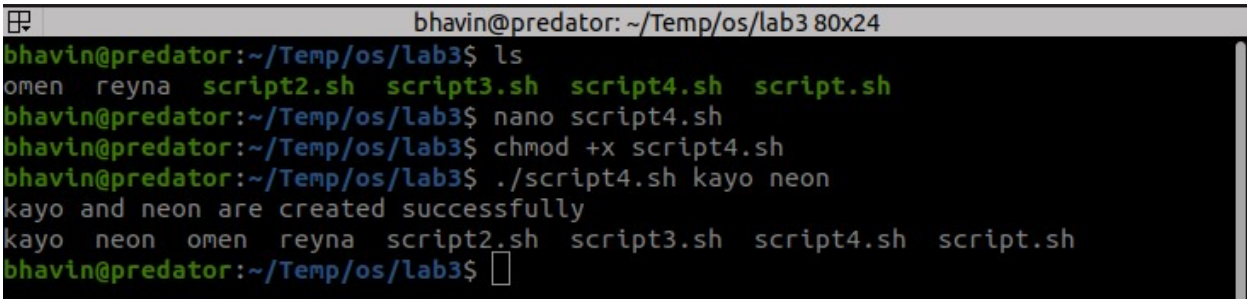
3. Write a shell script program to create two files. The name of the files will be passed by user using read function.



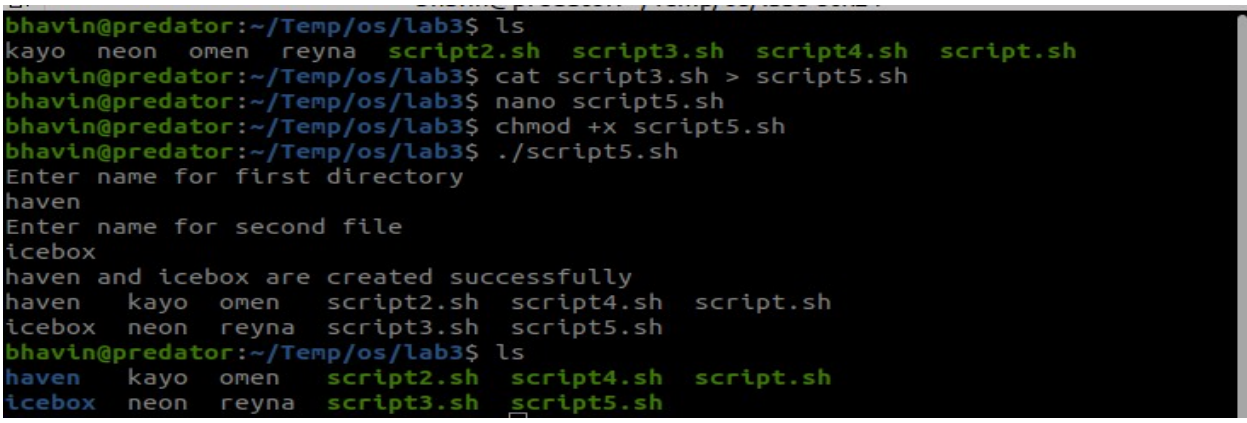


4. Write a shell script program to create two files. The name of the files will be passed by user using command line arguments.

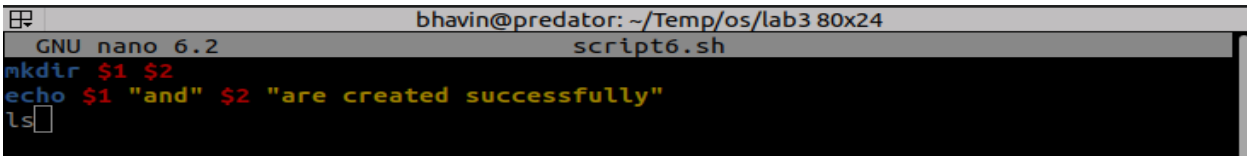


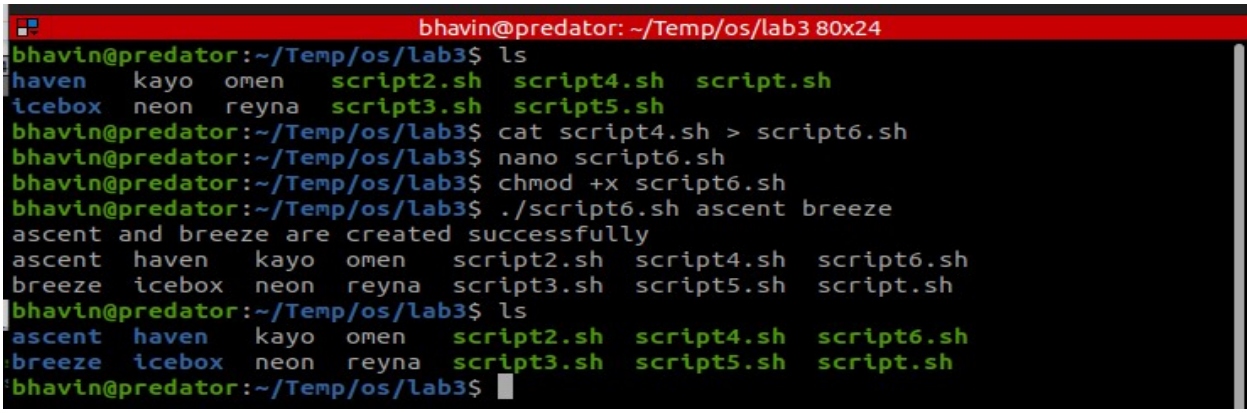


5. Write a shell script program to create two directories. The name of the files will be passed by user using read function.

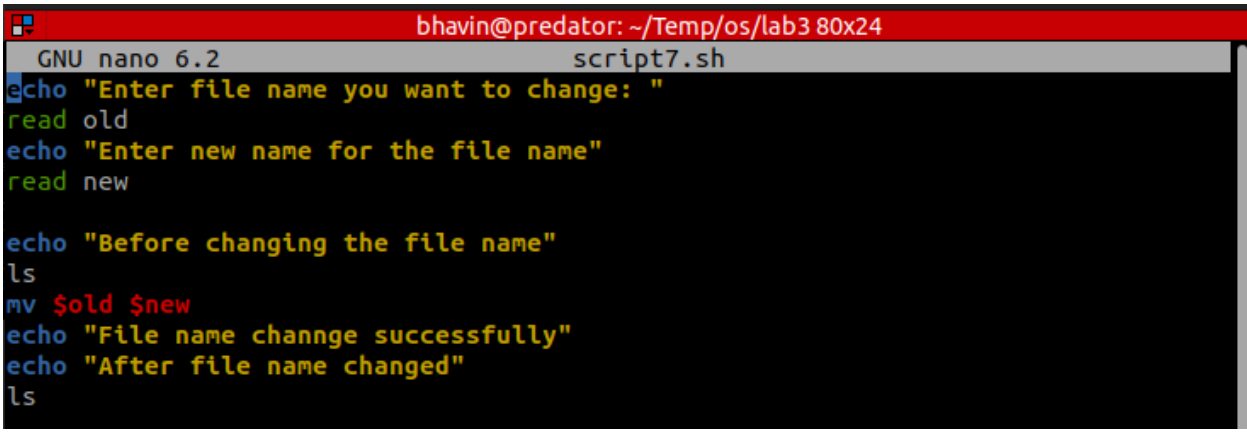


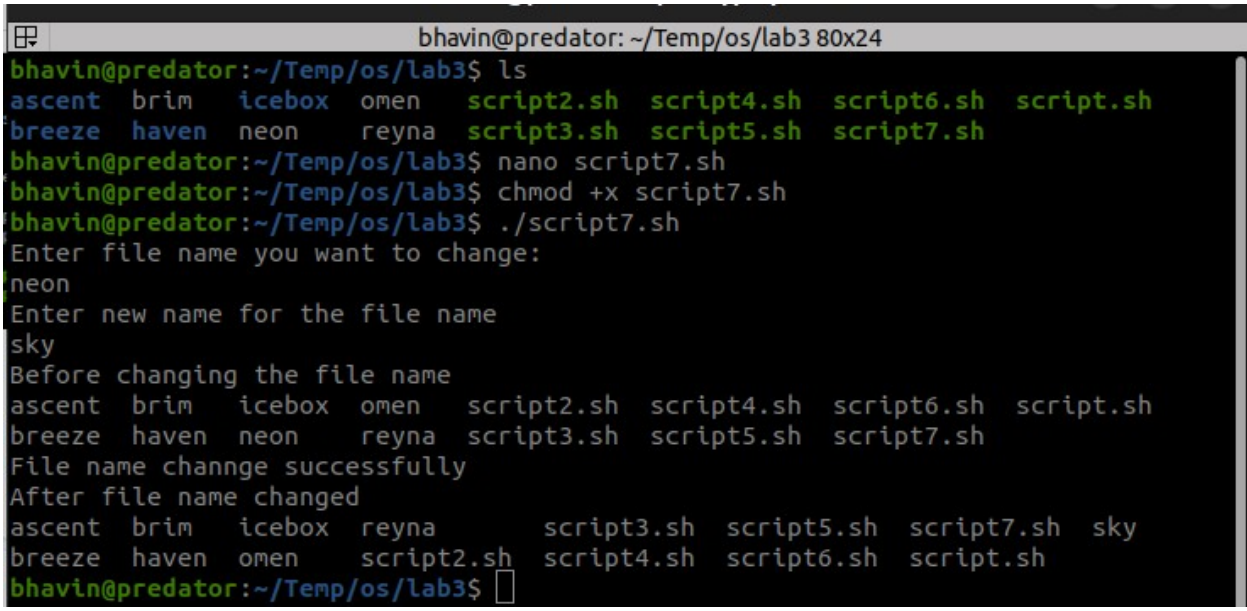
6. Write a shell script program to create two directories. The name of the files will be passed by user using command line arguments.



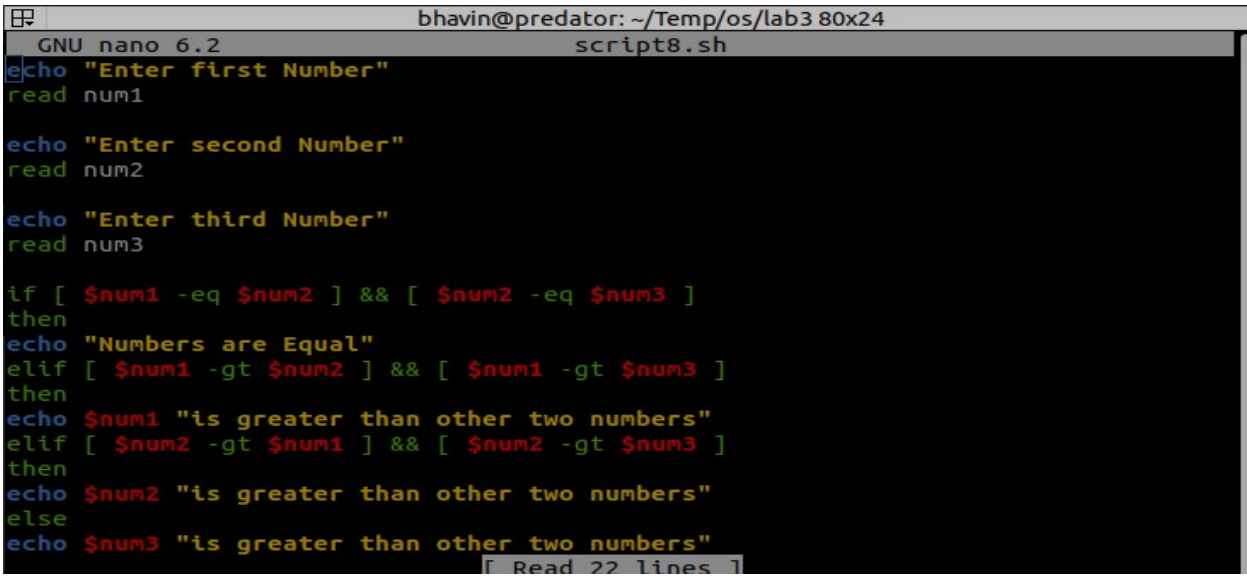


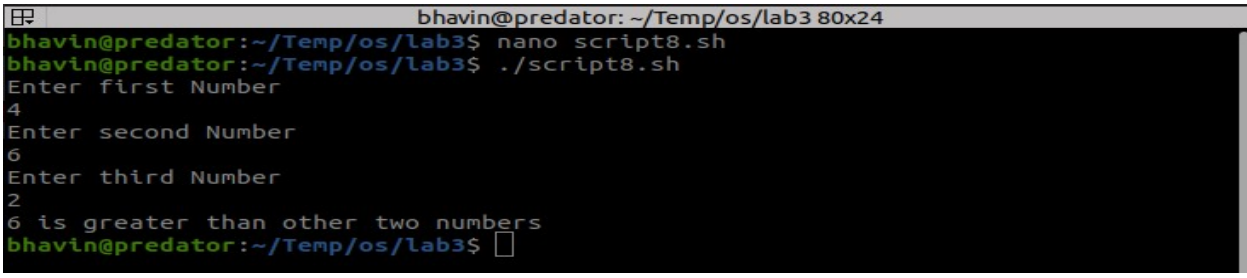
7. Write shell script to change the name of a file .Ask from user old filename and new filename.



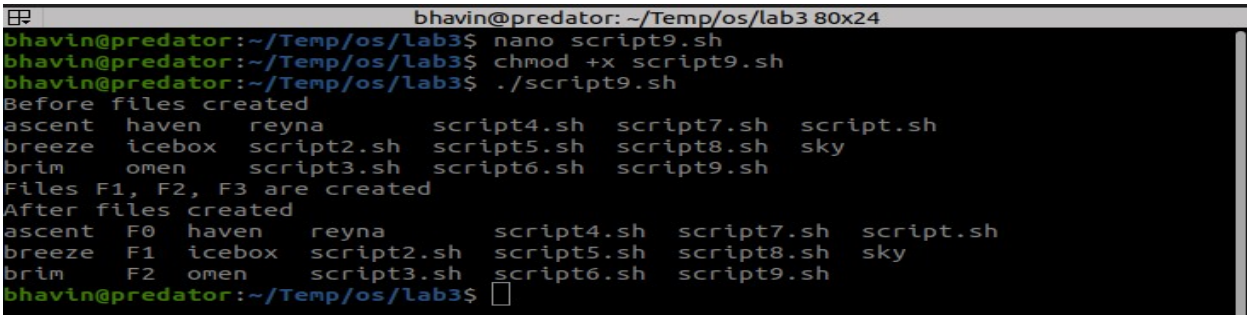


8. Write a shell script to find the largest number among three numbers.





9. Write shell script to create three files f1, f2, f3 using for loop.



10. Write a shell script to display date and time. Assume 1 sec delay.