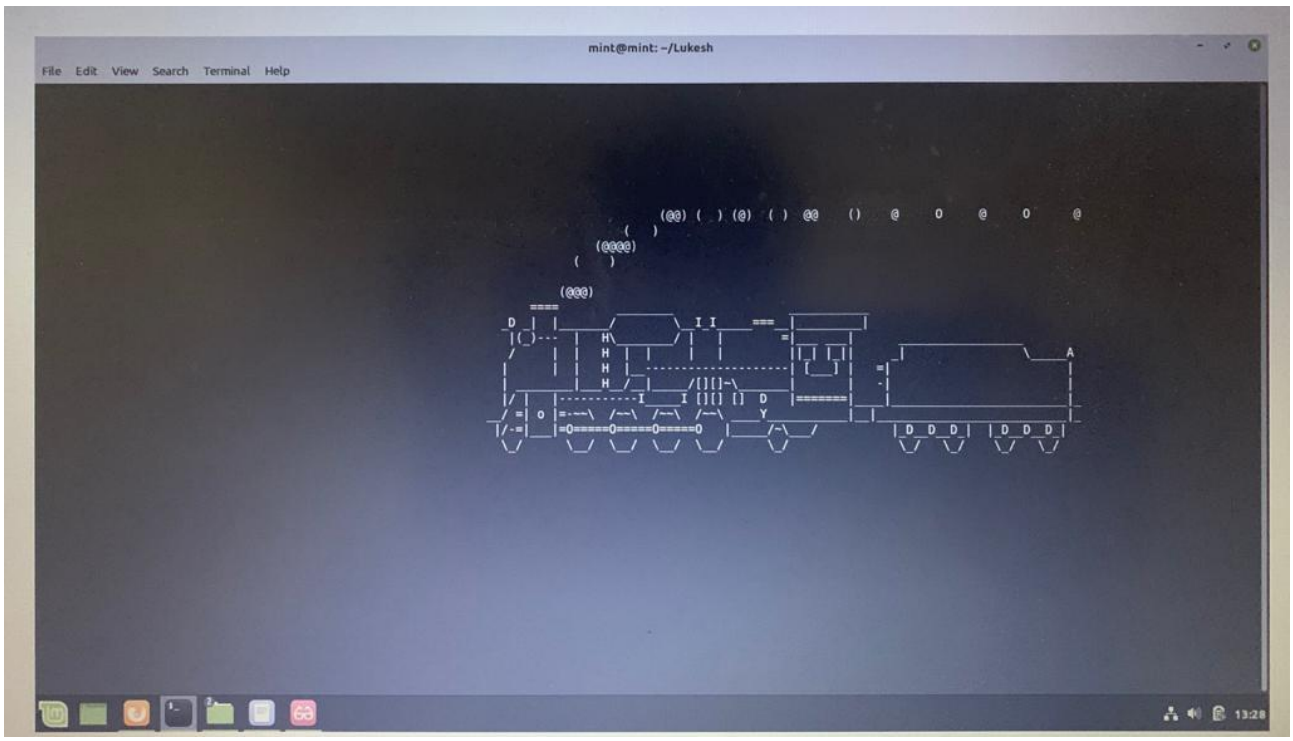
Lab Report

17MIS1034

Script 1
Code
sudo apt-get install sl
sl

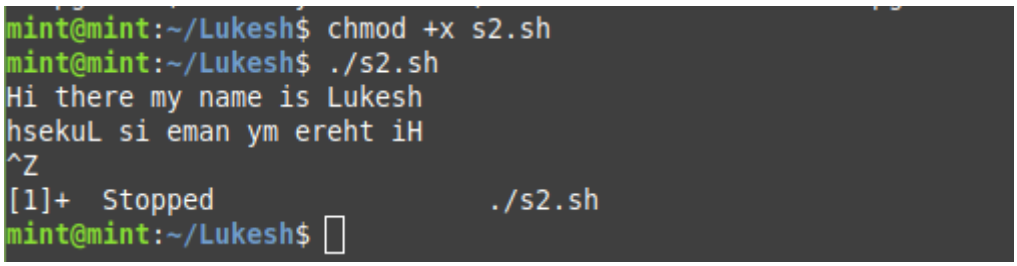
Output

```
mint@mint:~/Lukesh$ chmod +x s1.sh
mint@mint:~/Lukesh$ ./s1.sh
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  sl
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 26.4 kB of archives.
After this operation, 98.3 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu bionic/universe amd64 sl amd64 3.03-17build2 [26.4 kB]
Fetched 26.4 kB in 1s (28.5 kB/s)
Selecting previously unselected package sl.
(Reading database ... 253419 files and directories currently installed.)
Preparing to unpack .../sl_3.03-17build2_amd64.deb ...
Unpacking sl (3.03-17build2) ...
Setting up sl (3.03-17build2) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
```

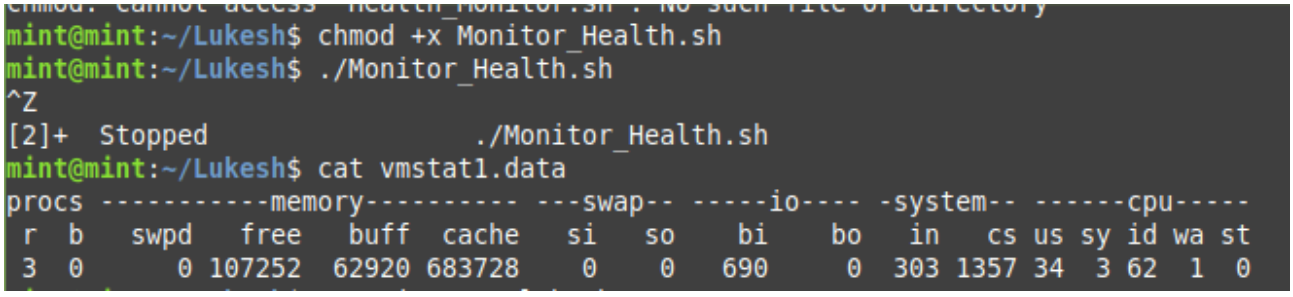


Script 2
Code
rev

Output



Script 3
Write a bash script to monitor health of the system.

Code
vmstat 1200 > vmstat1.data
filename= "/Lukesh/vmstat1.data"
tail -f $filename |
while read $line do
if [(cat vmstat1.data | grep "swpd")>0]
then
echo "Some Rogue Process has consumed massive amounts of Memory"> swap.txt
fi
if [(cat vmstat1.data | grep "r")>1]
then
echo "Some processes are waiting to execute"> runqueue.txt
fi
if [(cat vmstat1.data | grep "cpu")>1000]
then
echo "CPU usage is more"> cpu.txt
fi
End

Output