Name: - B.Sushanth Jonas Roll no :- 422119 Section:- A **Unix Assignment** Assignment 07: 1. Write shell script for commands: more,nl,nice,passwd,pr,rlogin,rcp,rsh,talk,telnet,tput,tty,uname,wc,who,write 2. Write a shell script that list the memory usage and cpu usage of multiple machines. 1 # more command echo "Displaying contents of a file using 'more':" more file1.txt echo "" # nl command echo "Displaying contents of a file with line numbers using 'nl':" nl file1.txt echo "" # nice command echo "Displaying process priority using 'nice':" nice echo "" # wc command echo "Counting lines, words, and characters in a file using 'wc':" wc file1.txt echo "" # who command echo "Displaying currently logged in users using 'who':" who echo "" # pr command echo "Paginating contents of a file using 'pr':" pr file1.txt echo ""

uname command

uname -a

echo "Displaying system information using 'uname':"

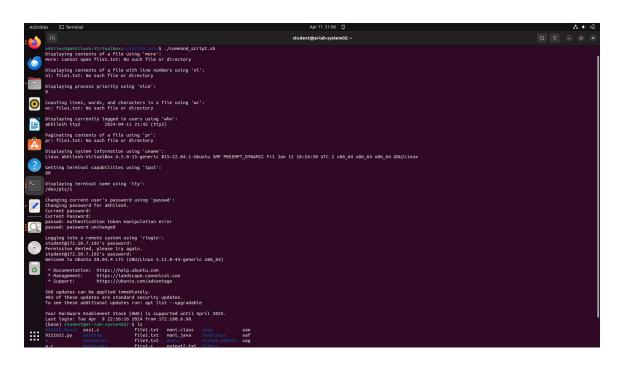
echo ""

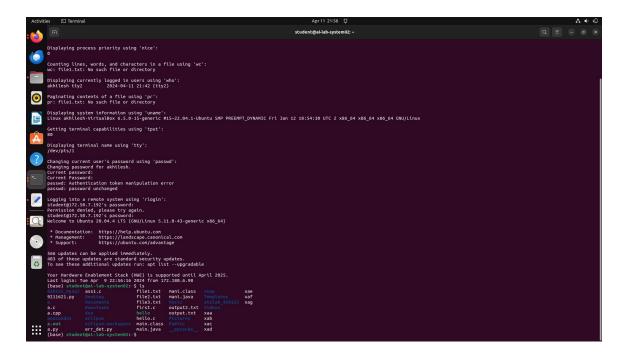
tput command echo "Getting terminal capabilities using 'tput':" tput cols echo ""

tty command echo "Displaying terminal name using 'tty':" tty echo ""

passwd command echo "Changing current user's password using 'passwd':" passwd echo ""

rlogin command echo "Logging into a remote system using 'rlogin':" rlogin student@172.50.7.192 echo ""





2 # Define the list of remote machines machines=("172.50.7.192" "172.50.12.28")

SSH options for executing commands without prompting for password ssh_options="-oBatchMode=yes -oStrictHostKeyChecking=no"

Loop through each machine and get memory and CPU usage for machine in "\${machines[@]}"; do
echo "Machine: \$machine"
echo "______"

Get memory usage
echo "Memory Usage:"
ssh \$ssh_options \$machine "free -m"

Get CPU usage
echo "CPU Usage:"
ssh \$ssh_options \$machine "top -bn1 | grep 'Cpu(s)'"

echo "______"
done

file:///home/student/Output_q1_q2.pdf

shitteshgabitiesh-viteusibor: //02255.unit5 chmod *x new.sh akhiteshgabitiesh-viteusibor: //02255.unit5 chmod *x new.sh akhiteshgabitiesh-viteusibor: //02255.unit5 chmod *x new.sh akhiteshgabitiesh-viteusibor: //02255.unit5 chmod *x new.sh akhiteshgabitish-viteusibor: //02255