ASSIGNMENT 7

ROLL NO: 422180

Name: VEERAJA V

SEC: A

Q) Write shell script for

commands: more,nl,nice,passwd,pr,rlogin,rcp,rsh,talk,telnet,tput,tty,uname,wc,who,write

Individual command screenshots:

MORE COMMAND

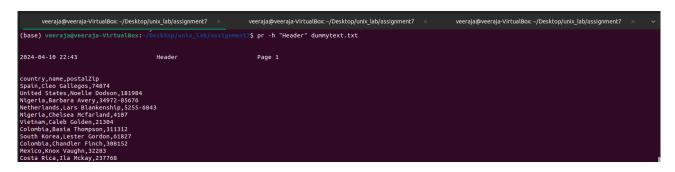
```
veeraja@veeraja-VirtualBox.-/Desktop/unix_lab/assignment7 × veeraja@veeraja-VirtualBox--/Desktop/unix_lab/assignment7 × veeraj
```

```
(Dane) Vesting American St. VirtualBos: -/Desitop/unit_tab/assignment: $ nore -d dummytext.txt
Spain, Cleo Callegos, 74874
United States, Noelle Dedoon, 181984
Migerla, Barbara Avery, 34977-85076
Netherlands, Less Blankenship, 2925-8483
Migerla, St. Blankenship, 2925-8483
Migerla, Cale Societa, 1819
Migerla, Migerla, 1819
Migerla, Miger
```

NL COMMAND

```
verrja@verrja-VirtualBox -/Desktop/unix_lab/assignment7 × verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@verrja@
```

PR COMMAND



Colombia,Hillary Osborne,9140-8874
Austria, Griffin Foley, 236640
Spain,Alexander Rogers, 17252
United Kingdom, Allen Baird, 487668
India, Kennedy Wood, 7596-8265
Netherlands, Bastl Bowen, 17147
United States, Inga Moore, 297722
Italy, Allen Powell, 654738
Spain, Madeline Fischer, 54312
Norway, Jernaine Goodhan, 6708
Australia, Nerea Barnes, 543614
Chile, Buckminster Petty, 63147
Sweden, Xanthus Valentine, 666 Bl.0
Russian Federation, Robert Wynn, 2164
Mexico, Lyle Koch, 8726
United Kingdom, Keely Short, 554583
Spain, Thane May, 81-587
Germany, Grace Ellison, 622849
Sweden, Shelly Schmidt, 7528-7857
Ukraine, Quyn Scott, 3251
Pakistan, Virginia Butler, 4897
Indonesia, Audrey Holden, 679068

TTY, uname, wc and who Commands

```
| Adam |
```

TPUT COMMAND

```
| weeraja@veeraja-VirtualBox:-/Desktop/unix_L... × veeraja@veeraja-VirtualBox:-/Desktop/unix_L... × veeraja@veeraja-VirtualBox:-/Desktop/unix_L... × veeraja@veeraja-VirtualBox:-/Desktop/unix_L... × veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup 0 0 (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup 0 0 (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup 23 4 |

| (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup 23 4 |

| (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup |
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| (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup |
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| (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup |
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| (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup |
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| (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup |
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| (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup |
| (base) veeraja@veeraja-VirtualBox:-/Desktop/unix_Lab/assignment's tput cup |
| (base) veeraja@veeraja-Vir
```

rlogin and rsh commands

```
weeraja@weeraja-VirtualBox:-/Des... × veeraja@weeraja-VirtualBox -/Des... × veeraja@weeraja-VirtualBox -- /Des... × veeraja@weeraja-VirtualBox:- $ rlogin -l veeraja 10.0.2.15 veeraja@lo.0.2.15's password:

Welcome to Ubuhut 22.04.3 LTS (GNU/Linux 6.5.0-21-generic x86_64)

* Documentation: https://help.ubuhutu.com

* Support: https://landscape.canonical.com

* Support: htt
```

Bash script with all commands(CONTAINS ONLY SOME OPTIONS as compared to screenshots) #!/bin/bash

more -d dummytext.txt more -c dummytext.txt more -s dummytext.txt more -u dummytext.txt

nl -b a dummytext.txt nl -b t dummytext.txt nl -n rz dummytext.txt nl -i 10 dummytext.txt

echo "Passwd Command:" passwd

echo "PR Command:"
pr -h "Header" dummytext.txt
pr -l 50 dummytext.txt
pr -o 10 dummytext.txt

```
pr -w 80 dummytext.txt
echo "Rlogin Command:"
rlogin -l veeraja 10.0.2.15
echo "Rsh Command:"
rsh 10.0.2.15 -l veeraja ls -l
echo "Tput Command:"
tput setaf 2 && echo "Colored Text" && tput sgr0
echo "Tty Command:"
tty
echo "Uname Command:"
uname -s
uname -r
uname -m
echo "Wc Command:"
wc -l /path/to/file
wc -w /path/to/file
echo "Who Command:"
who -q
```

Q2) 2. Write a shell script that list the memory usage and cpu usage of multiple machines.

#!/bin/bash

echo "Free and Used Memory: "

free

echo

echo "Free and Used Memory in Megabytes: "

free -m

echo

echo "CPU usage:"

mpstat

echo

echo "CPU usage on each CPU CORE:"

mpstat -P ALL

echo

OUTPUT: