

ASSIGNEMENT-7

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ROLL NO: 422173

SECTION: A

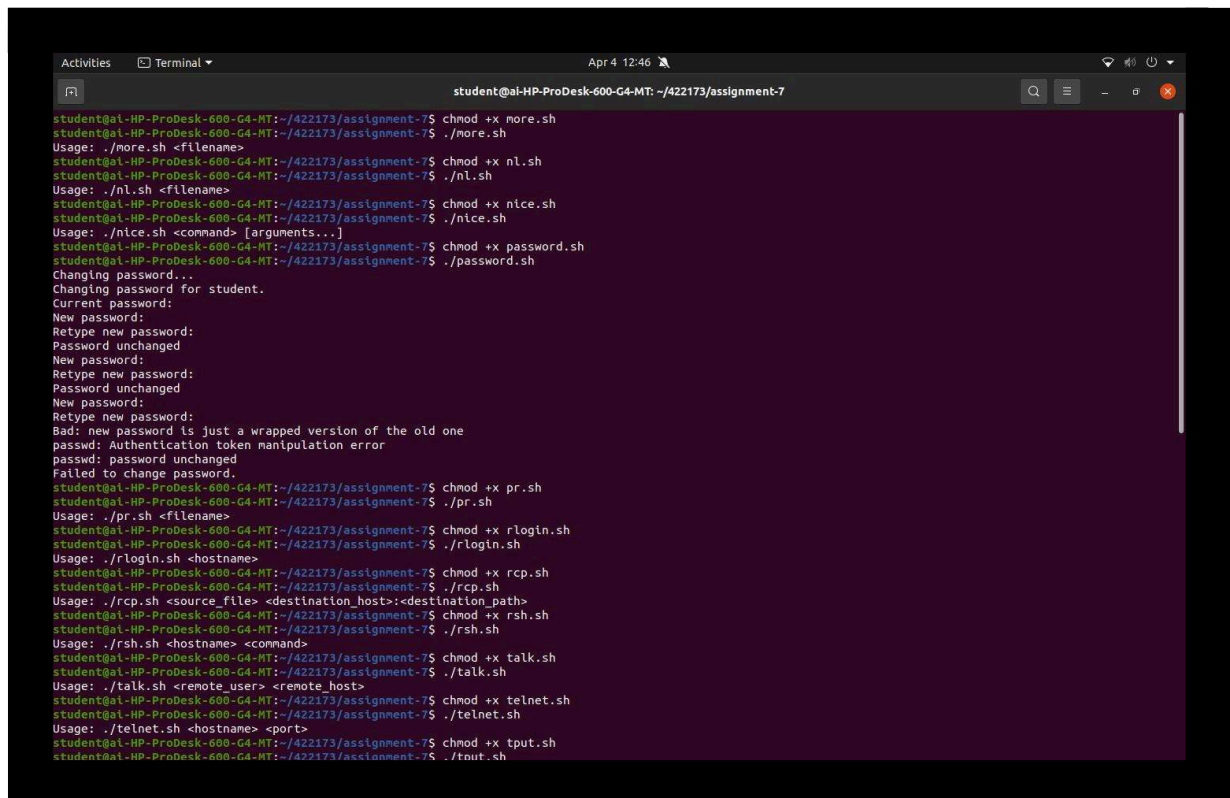
QUESTIONS:

Write shell script for commands :

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

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

Output:



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student@ai-HP-ProDesk-600-G4-MT: ~/422173/assignment-7
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x more.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./more.sh
Usage: ./more.sh <filename>
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x nl.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./nl.sh
Usage: ./nl.sh <filename>
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x nice.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./nice.sh
Usage: ./nice.sh <command> [arguments...]
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x passwd.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./passwd.sh
Changing password...
Changing password for student.
Current password:
New password:
Retype new password:
Password unchanged
New password:
Retype new password:
Password unchanged
New password:
Retype new password:
Bad: new password is just a wrapped version of the old one
passwd: Authentication token manipulation error
passwd: password unchanged
Failed to change password.
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x pr.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./pr.sh
Usage: ./pr.sh <filename>
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x rlogin.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./rlogin.sh
Usage: ./rlogin.sh <hostname>
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x rcp.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./rcp.sh
Usage: ./rcp.sh <source_file> <destination_host>:<destination_path>
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x rsh.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./rsh.sh
Usage: ./rsh.sh <hostname> <command>
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x talk.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./talk.sh
Usage: ./talk.sh <remote_user> <remote_host>
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x telnet.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./telnet.sh
Usage: ./telnet.sh <hostname> <port>
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x tput.sh
student@ai-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./tput.sh
```

```
Activities Terminal Apr 4 12:46 student@al-HP-ProDesk-600-G4-MT: ~/422173/assignment-7

student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./tput.sh
Bold Text
Red Text
Green Text
Yellow Text
Blue Text
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x tty.sh
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./tty.sh
Terminal: /dev/pts/1
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x uname.sh
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./uname.sh
Linux al-HP-ProDesk-600-G4-MT 5.15.0-52-generic #58-20.04.1-Ubuntu SMP Thu Oct 13 13:09:46 UTC 2022 x86_64 x86_64 x86_64 GNU/Linux
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x wc.sh
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./wc.sh
Usage: ./wc.sh <filename>
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x who.sh
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./who.sh
student :0          2024-04-04 12:08 (:0)
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x write.sh
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./write.sh
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ chmod +x memory_usage.sh
student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$ ./memory_usage.sh
Memory Usage:
-----
Machine: machine1
ssh: Could not resolve hostname machine1: Temporary failure in name resolution

Machine: machine2
ssh: Could not resolve hostname machine2: Temporary failure in name resolution

Machine: machine3
ssh: Could not resolve hostname machine3: Temporary failure in name resolution

CPU Usage:
-----
Machine: machine1
ssh: Could not resolve hostname machine1: Temporary failure in name resolution

Machine: machine2
ssh: Could not resolve hostname machine2: Temporary failure in name resolution

Machine: machine3
ssh: Could not resolve hostname machine3: Temporary failure in name resolution

student@al-HP-ProDesk-600-G4-MT:~/422173/assignment-7$
```