



Mawlana Bhashani Science and Technology University

Lab-Report

Lab Report No: 02

Lab Report Name: Basic Command of Linux Operating System.

Course code: ICT-3110

Course title: Operating System Lab

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Experiment No: 02

Experiment Name: Basic Command of Linux Operating System.

Theory: Linux is a Unix-Like operating system. All the Linux/Unix commands are run in the terminal provided by the Linux system. This terminal is just like the command prompt of Windows OS. Linux/Unix commands are case-sensitive. The terminal can be used to accomplish all Administrative tasks.

Commands:

1.date

2.cal

3.sleep

4.time

```

masud@masud-VirtualBox:~/program$ date
বৃহঃসপ্তমী ১০ ০০:৩৯:২৩ +০৬ ২০২০
masud@masud-VirtualBox:~/program$ cal
সপ্তমী ২০২০
রব সোম বু ব শুক্র ব শুক্র শুক্র শ
      ১  ২  ৩  ৪  ৫
 ৬  ৭  ৮  ৯  ১০ ১১ ১২
১৩ ১৪ ১৫ ১৬ ১৭ ১৮ ১৯
২০ ২১ ২২ ২৩ ২৪ ২৫ ২৬
২৭ ২৮ ২৯ ৩০

masud@masud-VirtualBox:~/program$ sleep 3
masud@masud-VirtualBox:~/program$ time

real    ০m০.০০০s
user    ০m০.০০০s
sys      ০m০.০০০s
masud@masud-VirtualBox:~/program$

```

5. whoami
6. hostname
7. pwd
8. ls
9. mkdir (directory name)
10. cd (directory name)
11. cd ..
12. cd ../ ../
13. rmdir (directory name)
14. rm (file name)
15. rm -r (dir_name)

```

masud@masud-VirtualBox:~$ cd Desktop
masud@masud-VirtualBox:~/Desktop$ whoami
masud
masud@masud-VirtualBox:~/Desktop$ hostname
masud-VirtualBox
masud@masud-VirtualBox:~/Desktop$ pwd
/home/masud/Desktop
masud@masud-VirtualBox:~/Desktop$ ls
BIJOY71 masud
masud@masud-VirtualBox:~/Desktop$ mkdir hamingbird
masud@masud-VirtualBox:~/Desktop$ touch bird.hamingbird
masud@masud-VirtualBox:~/Desktop$ ls
BIJOY71 bird.hamingbird hamingbird masud
masud@masud-VirtualBox:~/Desktop$ cd hamingbird
masud@masud-VirtualBox:~/Desktop/hamingbird$ touch lab.hamingbird
masud@masud-VirtualBox:~/Desktop/hamingbird$ ls
lab.hamingbird
masud@masud-VirtualBox:~/Desktop/hamingbird$ cd ..
masud@masud-VirtualBox:~/Desktop$ cd hamingbird
masud@masud-VirtualBox:~/Desktop/hamingbird$ rm lab.hamingbird
masud@masud-VirtualBox:~/Desktop/hamingbird$ ls
masud@masud-VirtualBox:~/Desktop/hamingbird$ rm -r
rm: missing operand
Try 'rm --help' for more information.
masud@masud-VirtualBox:~/Desktop/hamingbird$ cd ..
masud@masud-VirtualBox:~/Desktop$ ls
BIJOY71 bird.hamingbird hamingbird masud
masud@masud-VirtualBox:~/Desktop$ mv BIJOY71 hamingbird
masud@masud-VirtualBox:~/Desktop$ ls
bird.hamingbird hamingbird masud
masud@masud-VirtualBox:~/Desktop$ mv hamingbird Desktop/
masud@masud-VirtualBox:~/Desktop$ ls
bird.hamingbird Desktop masud
masud@masud-VirtualBox:~/Desktop$

```

Discussion: This lab is about linux basic commands. In this lab we learn some basic commands. This lab work is not so hard. All the linux commands are run in the terminal provided by the Linux system.

