

MAWLANA BHASHANI SCIENCE AND TECHNOLOGY UNIVERSITY

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LAB REPORT

Lab Report No : 02

Lab Report name : Basic Command of Linux Operating System.

Course Title : Operating System Lab

Course Code : ICT-3110

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Dept. of ICT

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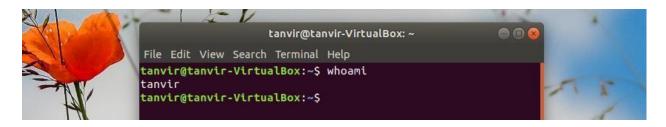
Experiment NO: 02

Experiment Name: Basic Command of Linux Operating System.

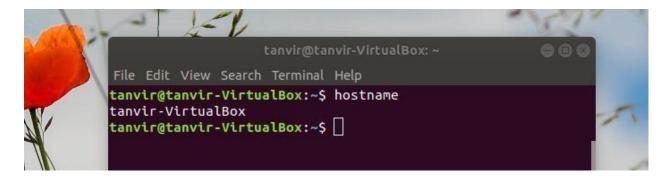
Introduction:

Basic Linux Commands

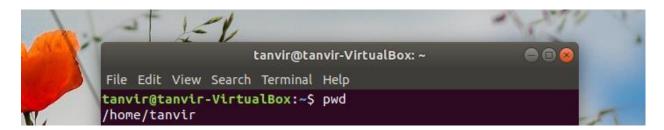
<u>1)</u> <u>whoami</u>: This command prints the username associated with the current effective user ID.



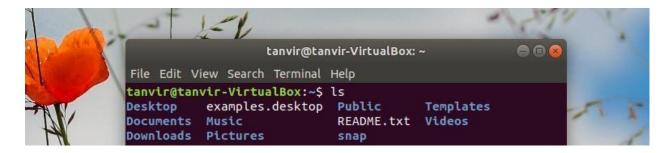
<u>**a**</u>) <u>hostname</u>: The **hostname** command shows or sets the system hostname.



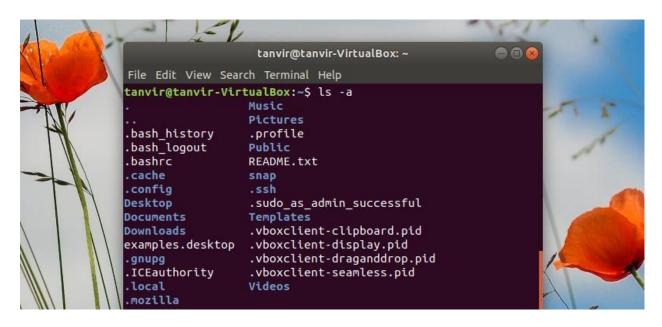
<u>3)</u> <u>pwd:</u> hort for **print working directory**, **pwd** is a Linux, Unix, and FTP command to print the directory you're currently working in when at the command line.



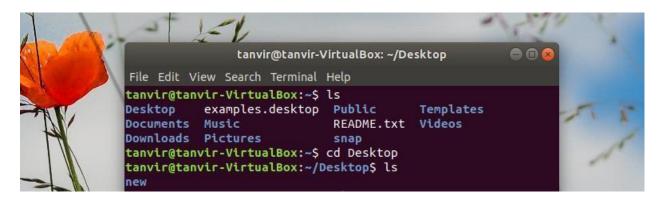
<u>4)</u> <u>ls</u>: ls lists the files in the current working folder.



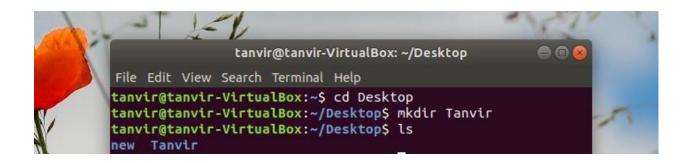
5) ls -a: list all files including hidden file starting with '.'



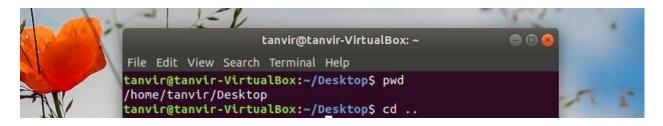
6) cd: The **cd** command, which stands for "change directory", changes the shell's current working directory.



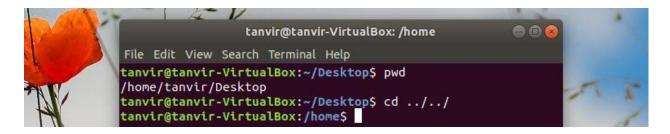
<u>7)</u> <u>mkdir:</u> The mkdir command creates new directories in your file system.



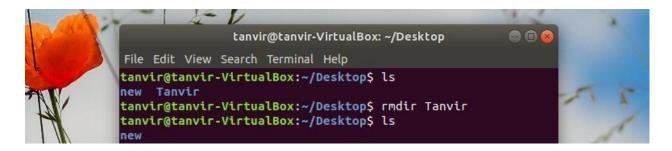
8) cd..: Move one directories up.



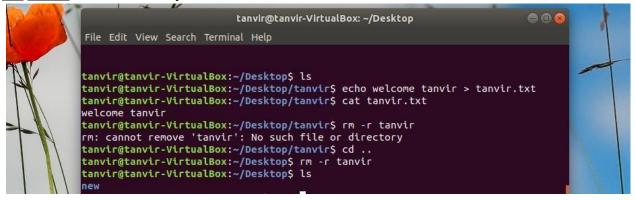
9) cd: Move two directories up.



10) rmdir: remove a directory.

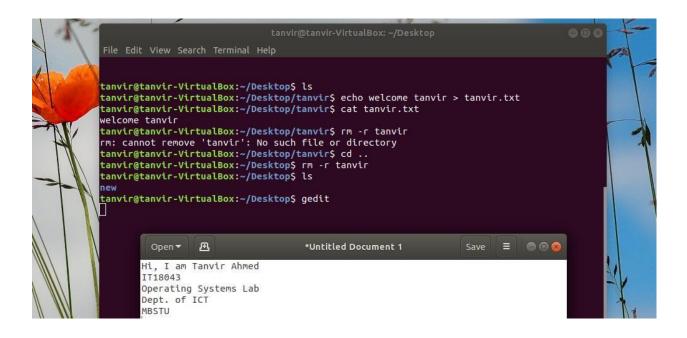


11) rm -r: remove directory with its content.

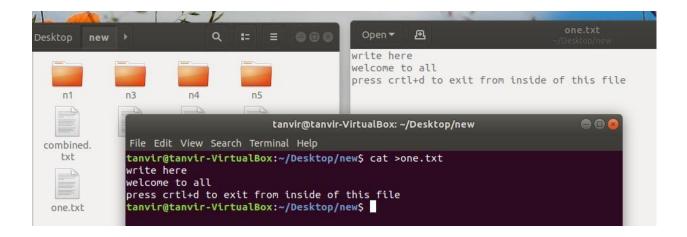


<u>12)</u> <u>gedit</u>: Working with text editors:

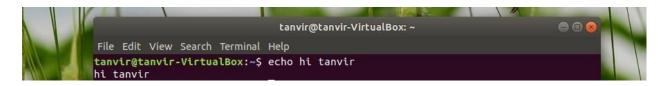
\$ gedit ---> its an editor



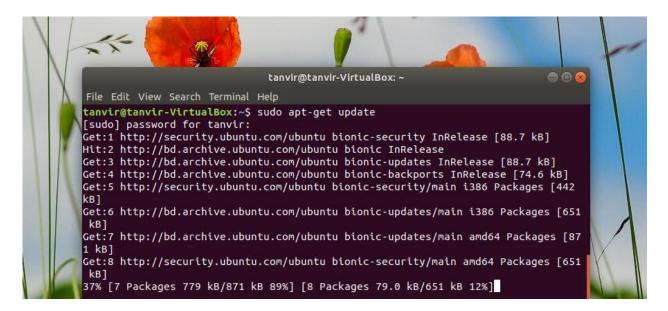
13) cat: creates new file.



14) **echo:** show something on the terminal.



<u>15)</u> <u>sudo:</u> sudo (**S**uper **U**ser **DO**) command in Linux is generally used as a prefix of some command that only superuser are allowed to run.



Conclusion: Linux is a very well organized operating system. That's why it has so many features.

Linux is very user friendly . To stay with Linux there are some basic commands we need to know .They all are discussed in this experiment.

In this lab experiment I learned how to deal with directories, how to create files ,delete files , list all items of any directory, locate any directory , see who is the user ,when and who created the file and many other things .

This lab experiment was not so hard because it was all about basic level commands. But it was a good start up for getting into linux. I had to study about those commands documentations . At the first time of using these commands they were confusing to me but they became easier when I tried them again and again. These commands works on many moods by simply adding parameter for the mood we want to use . So these parameters enriched those commands usability .

There are many commands of linux that we have not learned yet. But I hope in the next sessions we can learn most of them. After linux CLI we should also learn to deal with windows CLI shortly. Windows is GUI based so there CLI is not very popular.