

Institute of Computer Technology
B. Tech. Computer Science and Engineering
Sub: BOSS (2CSE204)

Practical -1

Objectives: To learn about Accessing the Command Line in Linux.

Commands:

date
file
cat
less
head
passwd
tail
wc

BEFORE YOU BEGIN

Log in to workstation as student using student as the password. On workstation, run the lab cli-review start script to set up a clean lab environment. The script also copies the zcat file to student's home directory.

[student@workstation ~]\$ lab cli-review start

Exercise:

Jihan wants to perform following operations in terminal window using CLI. Kindly implement a appropriate commands for the given scenarios.

1. He wants to display the current time and date on terminal window.
2. Display the current time in 12-hour clock time (for example, 11:42:11 AM). Hint: The format string that displays that output is %r.
3. zcat is available file in system. Jihan wants to check that What kind of file is /home/student/zcat? Is it readable by humans? How will he check?
4. He wants to display the size of zcat on terminal.
5. He wants to display the first 10 lines of zcat.
6. He wants to display the last 10 lines of the zcat file.
7. Jihan wants to repeat the previous command using keystrokes.
8. Now, He needs to display the last 20 lines in the file. Use command-line editing to accomplish this with a minimal number of keystrokes.
9. He wants to run date +%r command again through shell history.

Evaluation

On workstation, run the lab cli-review grade script to confirm success on this exercise.

[student@workstation ~]\$ lab cli-review grade

Finish

On workstation, run the lab cli-review finish script to complete the lab.

[student@workstation ~]\$ lab cli-review finish

This concludes the lab.