Institute of Computer Technology

B. Tech Computer Science and Engineering

Subject: BOSS (2CSE204)

**PRACTICAL-1**

**Objective:** To learn about accessing the Command Line in Linux

**Commands:**

**date –** To show the current date and time of the local system.

**file –** To check the type of file.

**cat –** To show the content of file in the terminal in Linux.

**less –** To show the content of file in the terminal in Linux with scrolling facilities by navigation keys.

**head –** To show the first 10 lines of any file in terminal in Linux.

**passwd –** To change the current password of the current user in Linux.

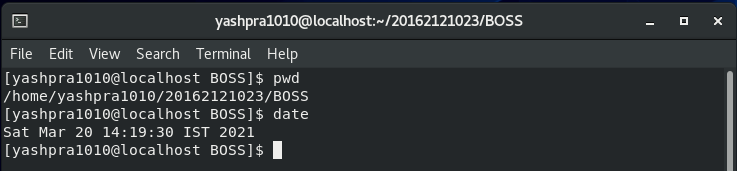
**tail –** To show the last 10 lines of any file in terminal in Linux.

**wc –** To display the size of file in terminal in Linux.

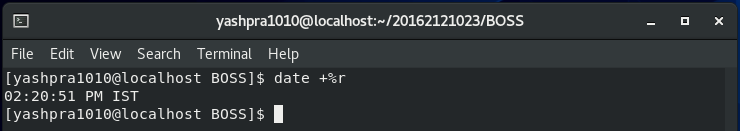
**Exercise: -**

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

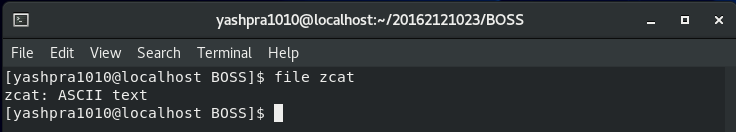
**1. He wants to display the current time and date on terminal window.**

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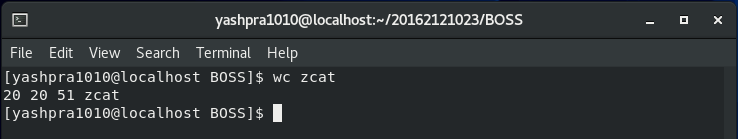
**2. Display the current time in 12-hour clock time (for example, 11:42:11 AM). Hint: The format string that displays that output is %r.**

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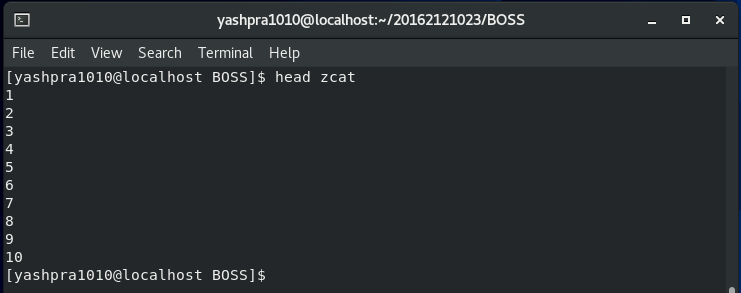
**3. zcat is available file in system. Jihan wants to check that What kind of file is /home/student/zcat? Is it readable by humans? How will he check?**

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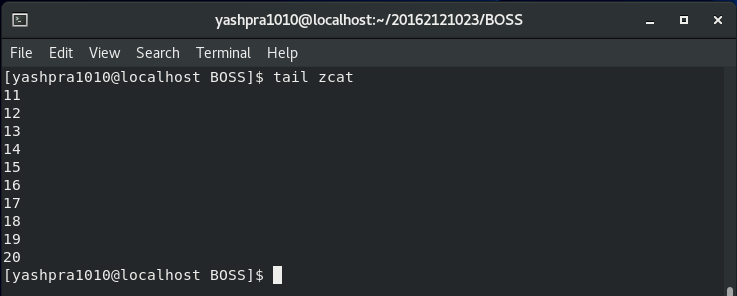
**4. He wants to display the size of zcat on terminal.**

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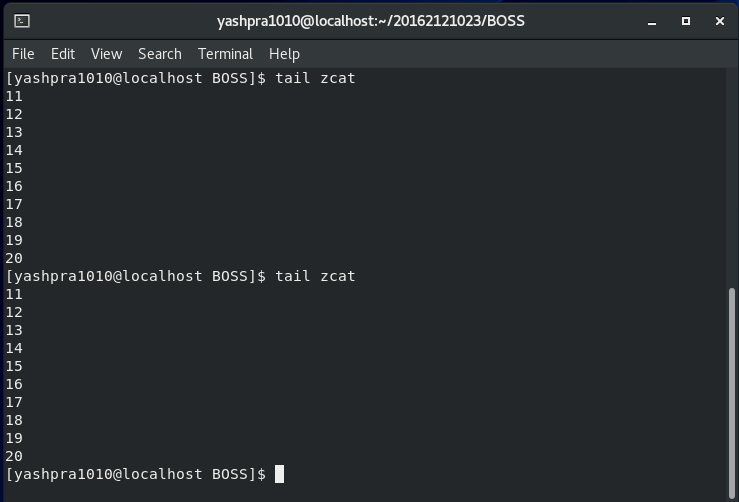
**5. He wants to display the first 10 lines of zcat.**

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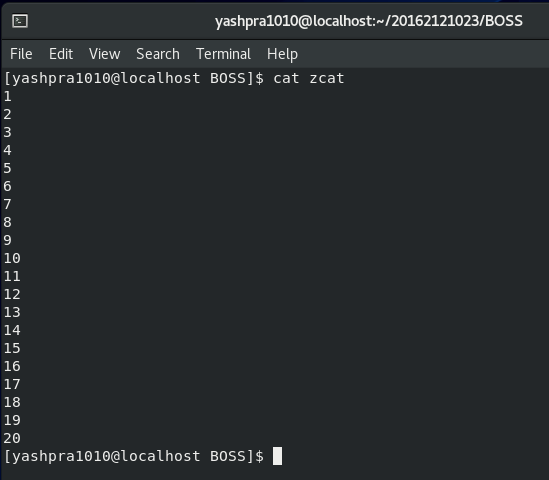
**6. He wants to display the last 10 lines of the zcat file.**

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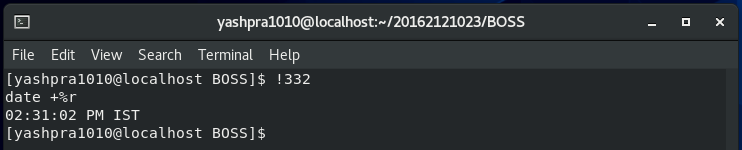
**7. Jihan wants to repeat the previous command using keystrokes.**

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**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.**

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**9. He wants to run date +%r command again through shell history.**

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