**RIPHAH INTERNATIONAL UNIVERSITY, ISLAMABAD**

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**Lab 7**

**Bachelors of Computer science – 5th semester**

**Subject:** Operating System Lab

**Submitted to:** Ma’am Kausar Nasreen Khattak

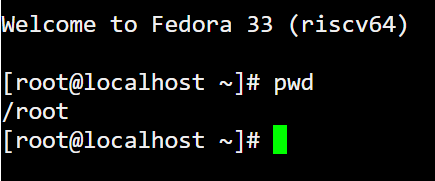
**Submitted by:** Munaza Malik

**Sap Id:** 44956

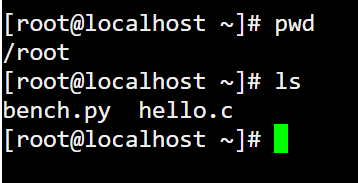
**Date:** 7th October, 2024

**Lab Task:**

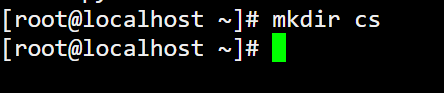
**pwd (Print Working Directory) :** Shows the full path of the current directory you are in.



**ls (list) :** Lists files and directories in the current directory.



**mkdir (make directory) :** Creates a new directory.



**cd (change directory) :** Changes the current directory to another.



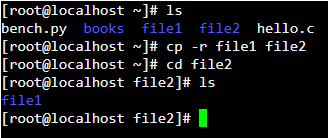
**rmdir (remove directory) :** Deletes an empty directory.



**rm -r (Remove Recursively) :** Deletes a directory and all its contents.



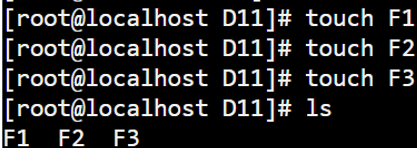
**cp (copy) :** Copies files or directories to a new location.

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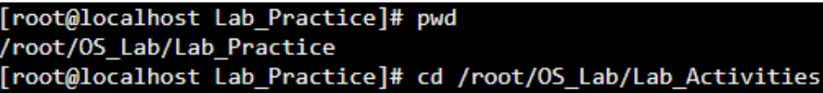
**mv (move):**



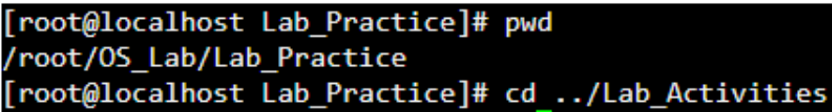
**touch:** Creates an empty file or updates the timestamp.



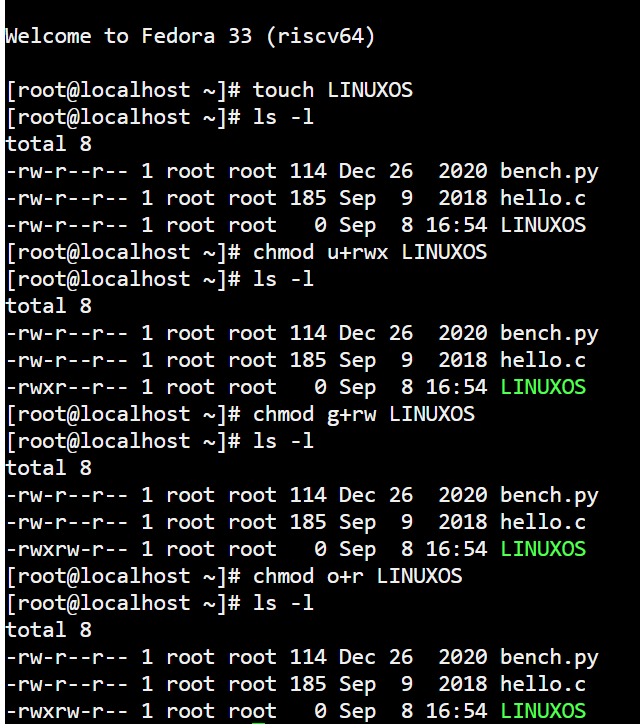
**Absolute Path:**

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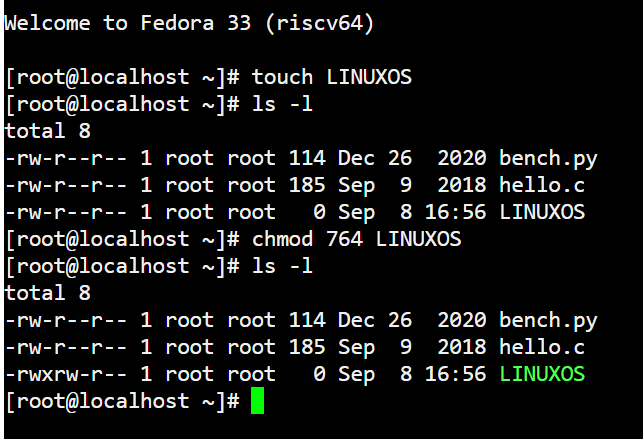
**Relative Path:**

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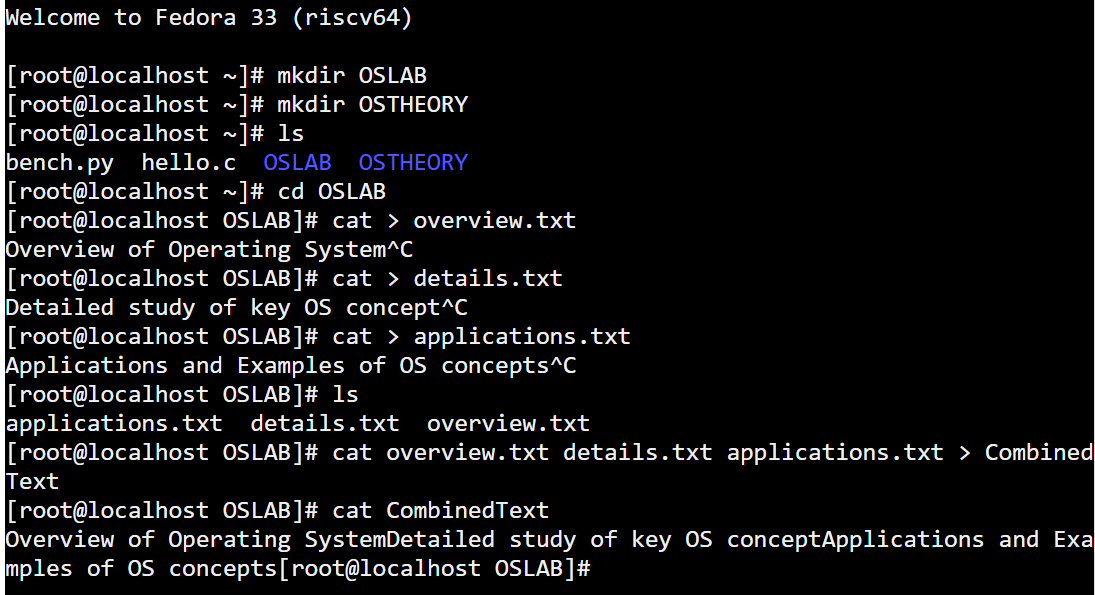
**Using Symbolic Method:**

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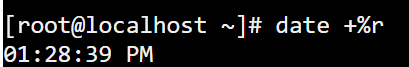
**Using Numerical Method:**



**cat:**



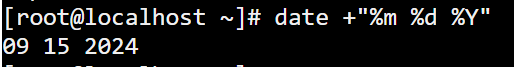
**The time of the log entry in the 12-hour format with AM/PM.**

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**The date of the log entry in the "Month Day Year" format.**

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**OR**

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**The full weekday name for the log entry.**

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**The numerical representation of the month.**

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**The last two digits of the year.**

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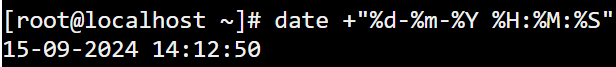
**24-hour format with only hours and minutes**

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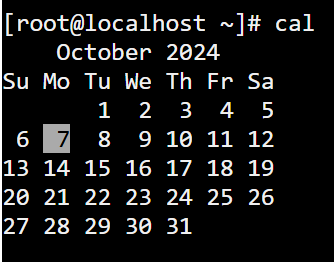
**the current year in four-digit format**

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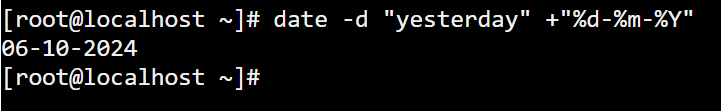
**current date in a combined format of numerical day, month, and year and Time**

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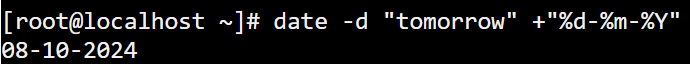
**cal**

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**Yesterday date:**

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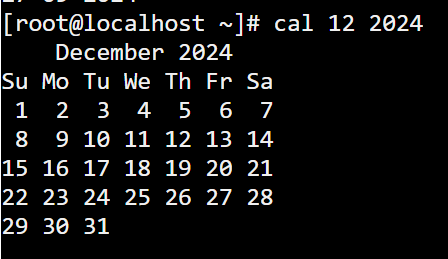
**tomorrow date:**

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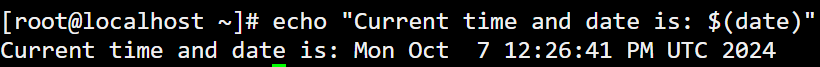
**10 days ago:**

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**Calculator of month December 2024:**

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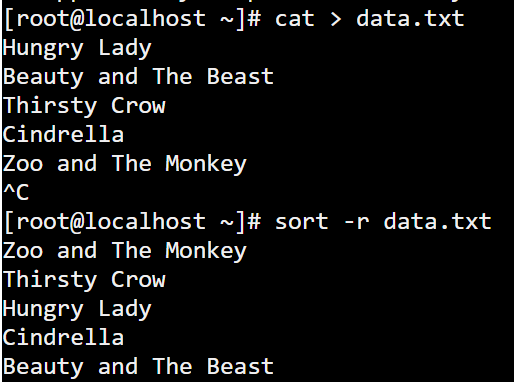
**print a welcoming message that includes the current date and time:**

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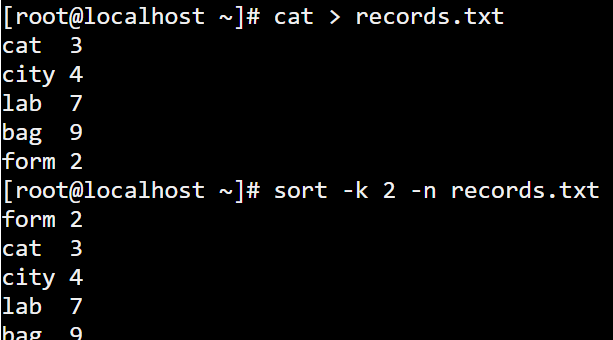
**Clear screen:**

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**sort strings in reverse alphabetical order:**

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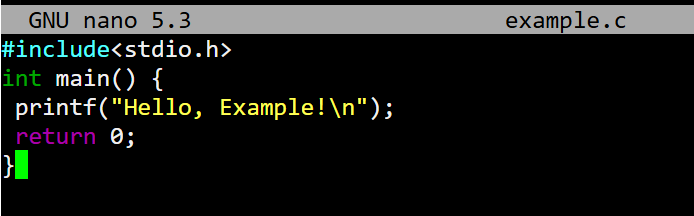
**sort file based on the values in the second column:**

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**-o Option:**

**example.c:**

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To compile this program with a custom output name, we would use the -o option like this:

**gcc -o my\_example example.c**

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**Chmod command:**

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**nano hello.cpp**

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