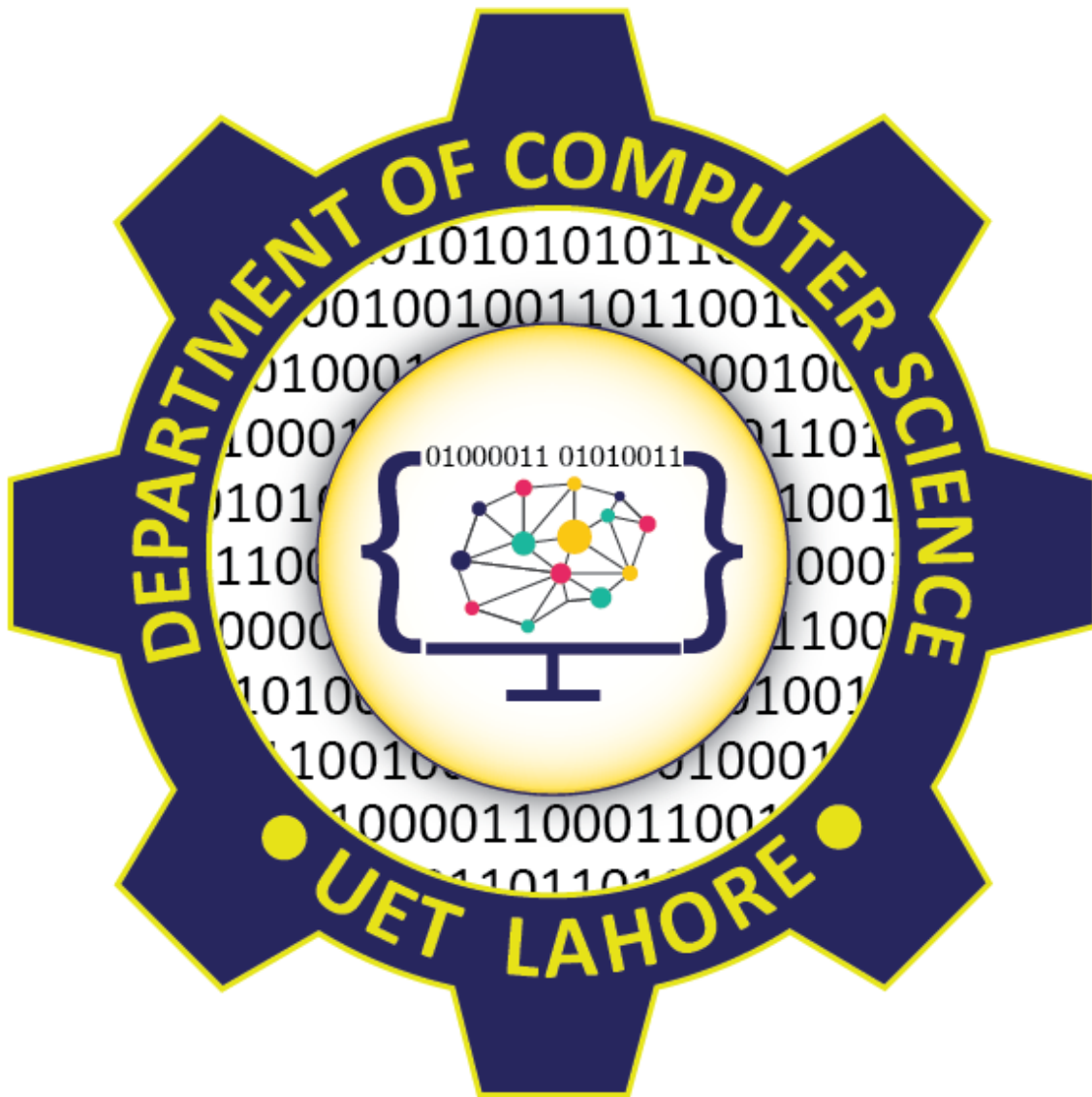


Operating System Lab 2



Session: 2022 – 2026

Submitted by:

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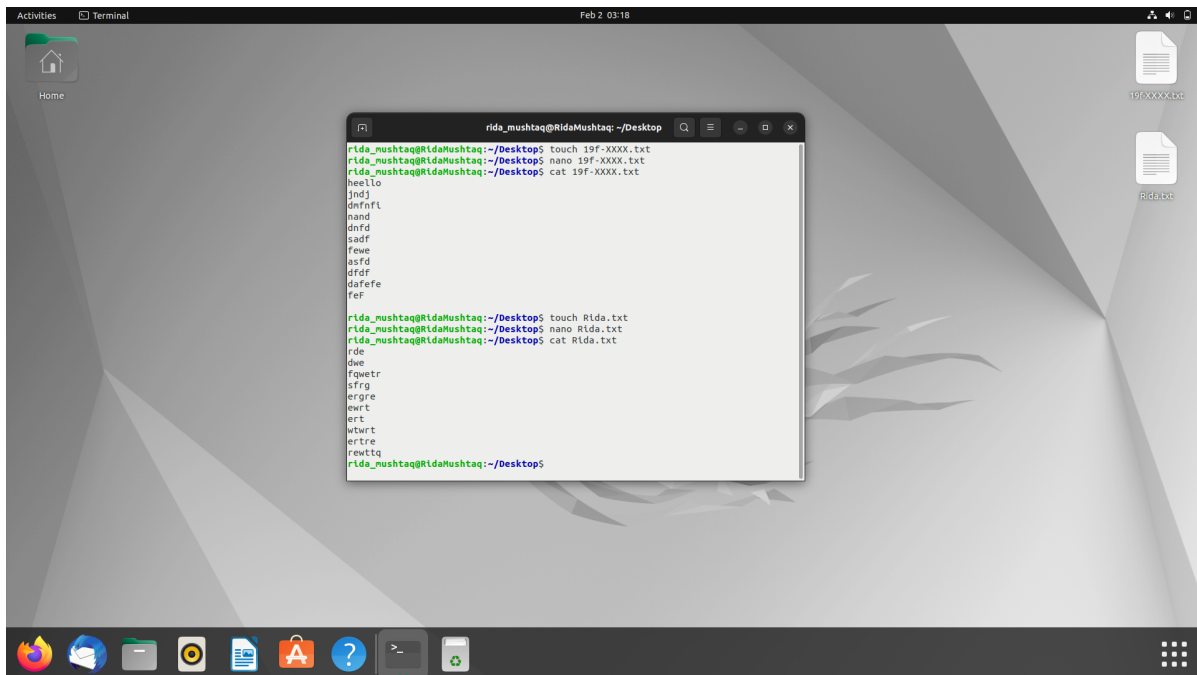
Department of Computer Science

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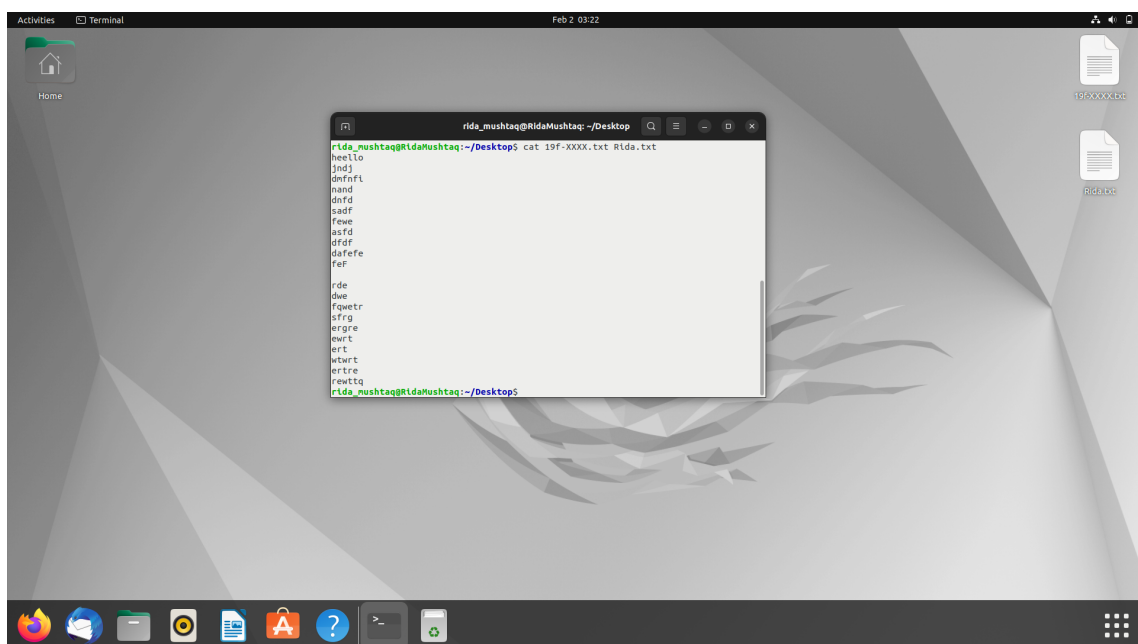
Lab2 – Task1:

1. To create the file "19f-XXXX.txt" using **touch** command.
2. To View the content of file use **cat** command.



3. To merge the contents of the files use **cat file1Name File2Name** .

4. To merge the contents of files and add that content in new file use **cat file1Name file2Name > newfile** .



5. To Redirect the output **Command > Filename.txt** .

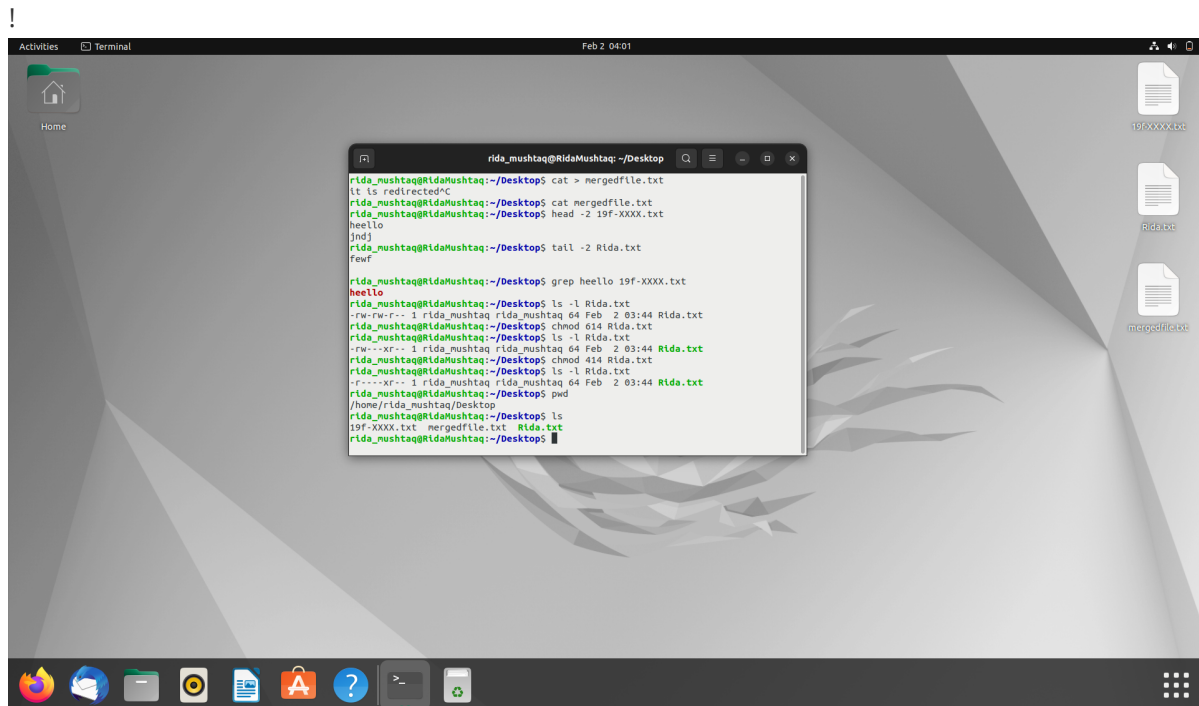
6. **Head -2 Filename.txt** will show the first two lines of the file.

7. **Tail -2 Filename.txt** will show the last two lines of the file.

8. **Grep "string" Filename.txt** will find the string in the file.

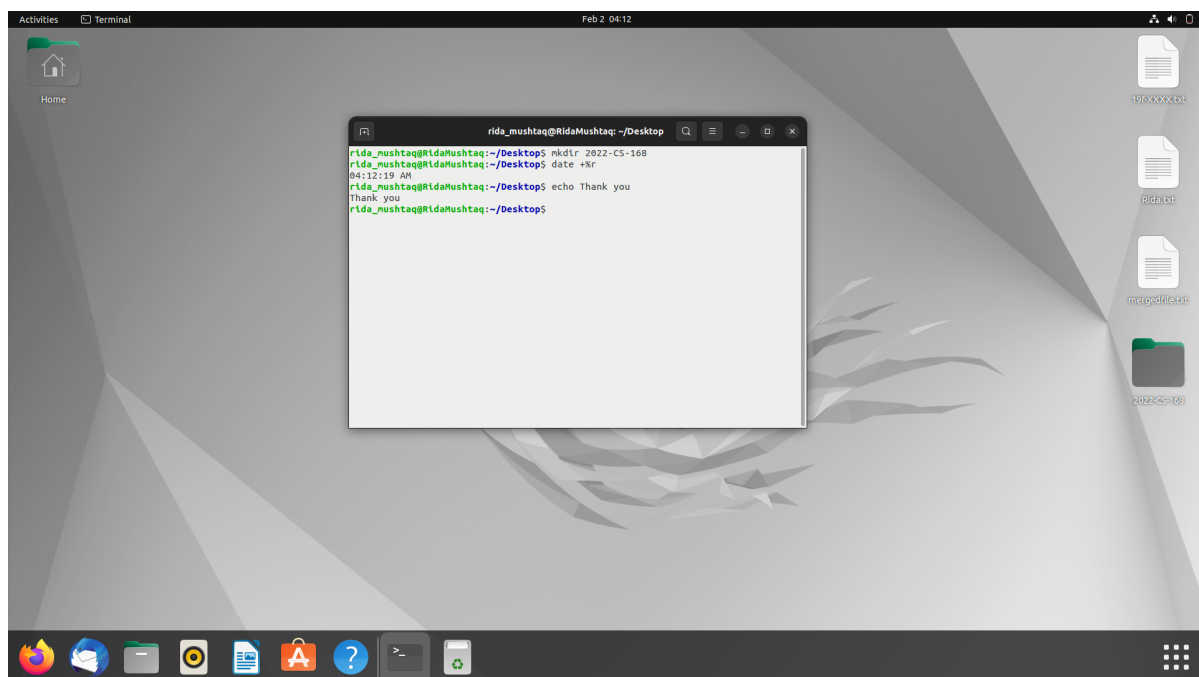
9. To change the permission for group to only execute use **chmod code Filename.txt** and also **chmod g+x Filename.txt** .

10. **Pwd** will show the path.



11. Create a folder using **mkdir** command.

12. **Date +%r** will show the time.



Lab2-Task2:

1. Create a file using **touch Filename.txt** command.
2. The permissions **-rw-r--r--** can be represented in numeric format as **754**. Each permission has a corresponding numeric value: **r** (read) = 4, **w** (write) = 2, **x** (execute) = 1. So, **rw** is 4 + 2 = 6, **r-x** is 4 + 0 + 1 = 5, and **r--** is 4 + 0 + 0 = 4.
3. Use **754** code to change the permissions.
4. To append the output of the **ls** command to the file, you can use the **>>** operator.

