AWS CloudSpace Academy Class promotion:

AWS Cloud & DevOps Engineer 2025

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Course: Linux homework

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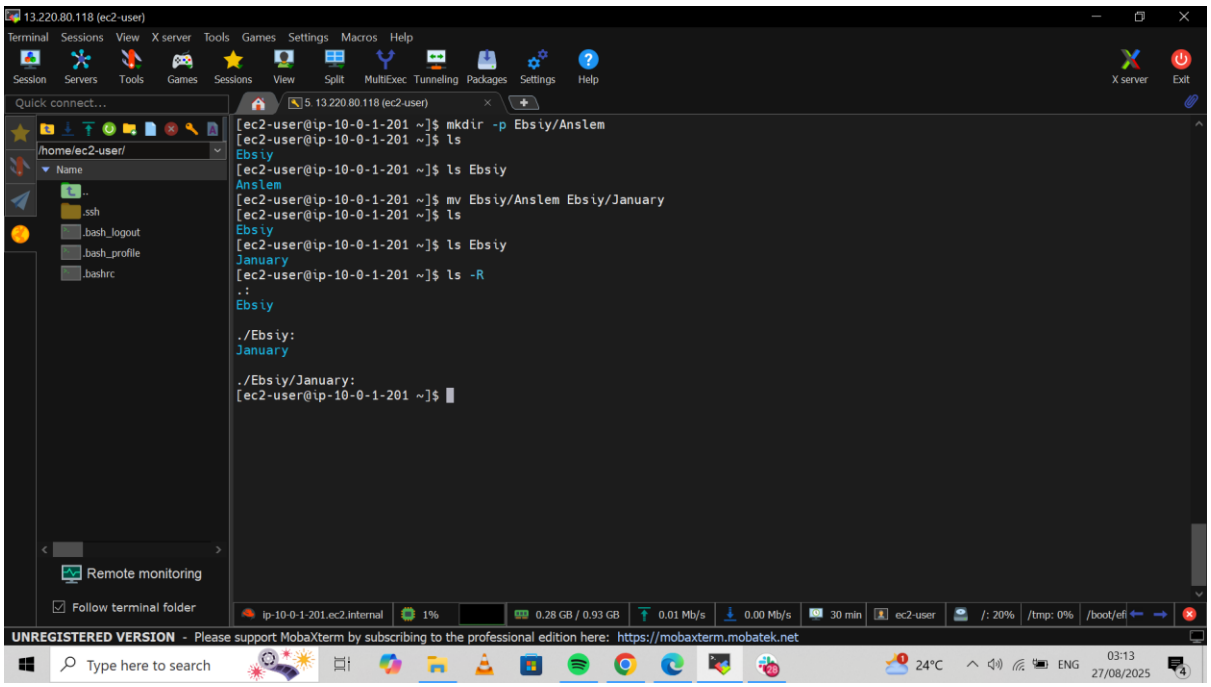
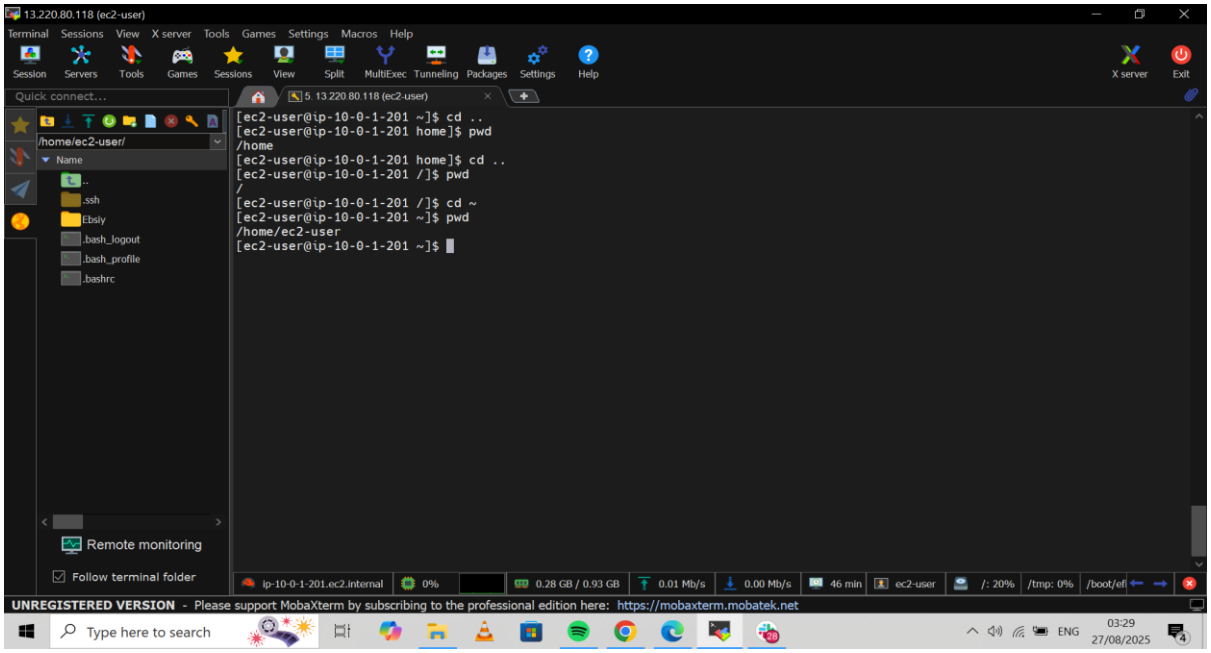
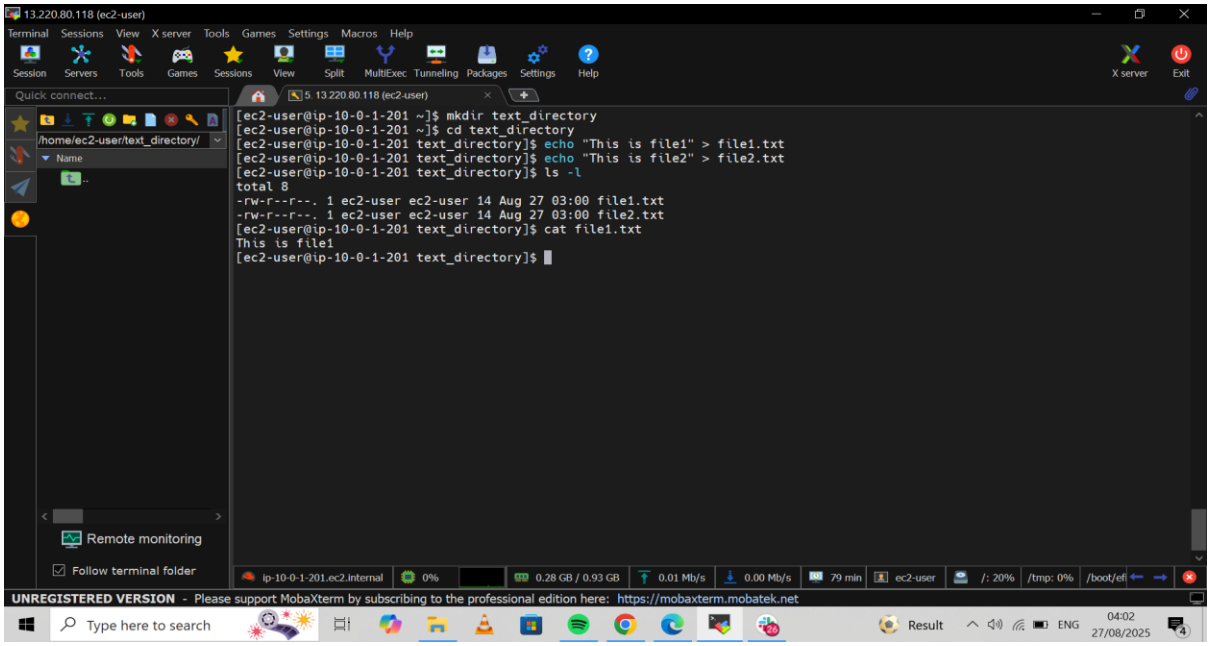
1)from your home directory, Make a directory <**your_first_name**> with a subdirectory <**your_last_name**>, then rename the subdirectory to <**your_month_of_birth**>.



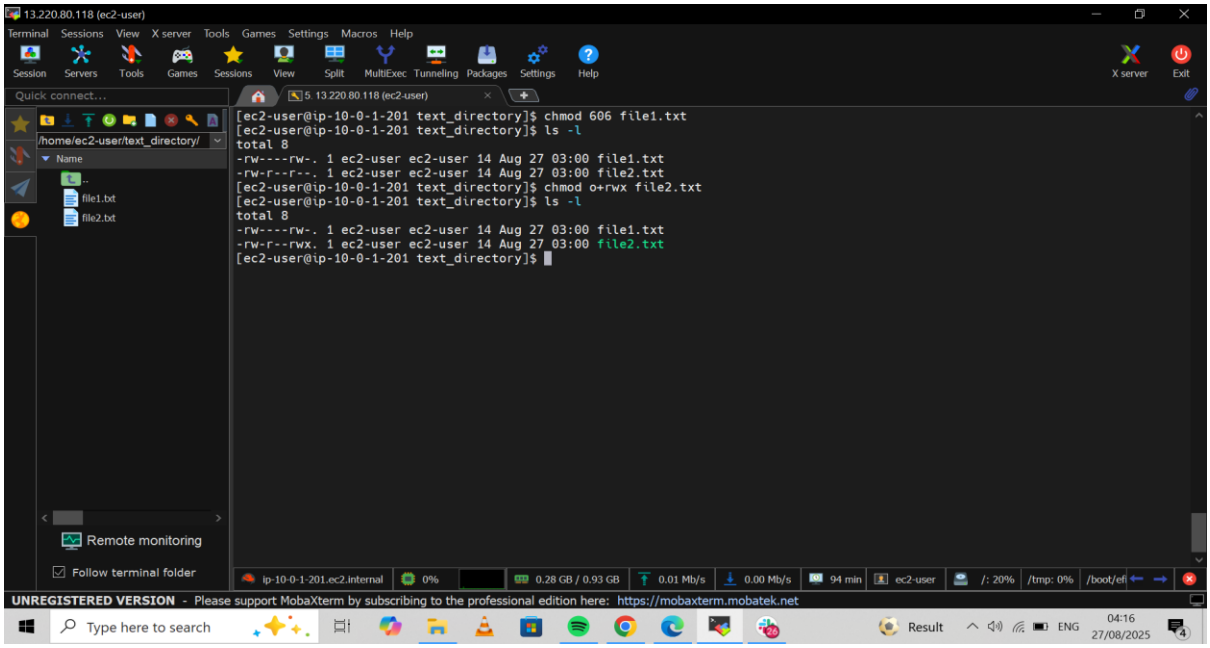
2) Change to your home directory using the “**one directory up**” double operator



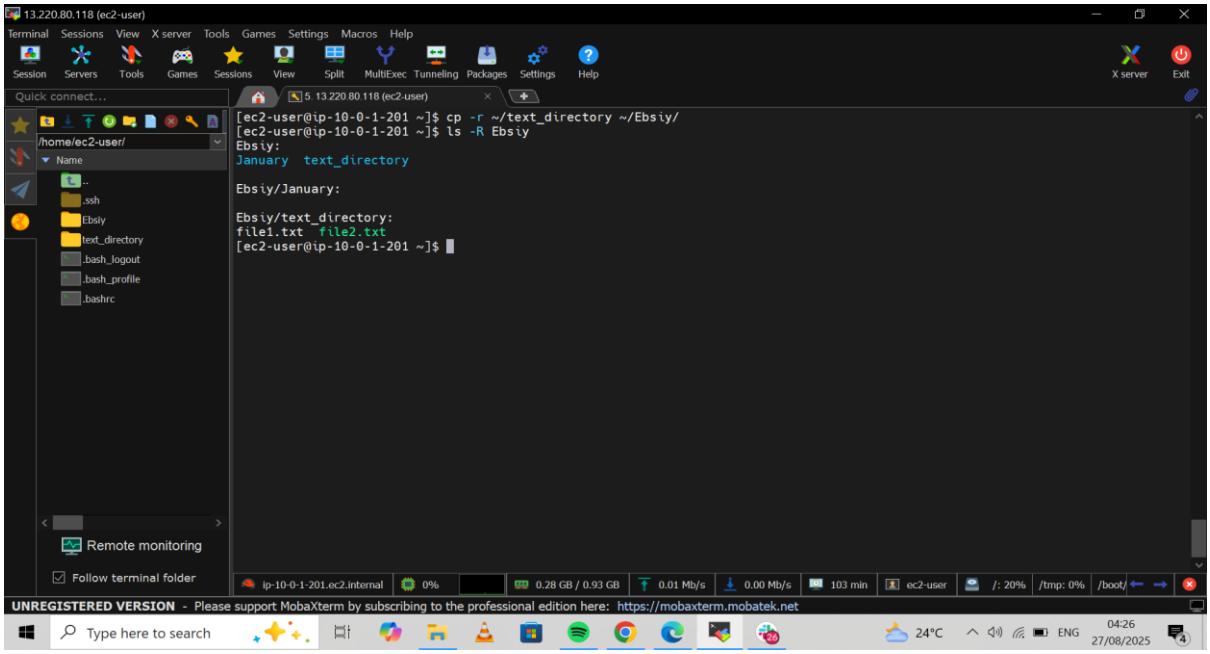
3)Create two text files named **file1.txt** and **file2.txt** into a new directory <**text_directory**>. Use an editor (vi, vim or nano) of your choice for file creation like. You can also use cat or echo. I will advise UNCLE GOOGLE for vi, vim or nano



4) Using Absolute mode, remove (**r**)ead permission for **Other** in **file1.txt**. Using symbolic mode give full permission to **Other** in **file2.txt**

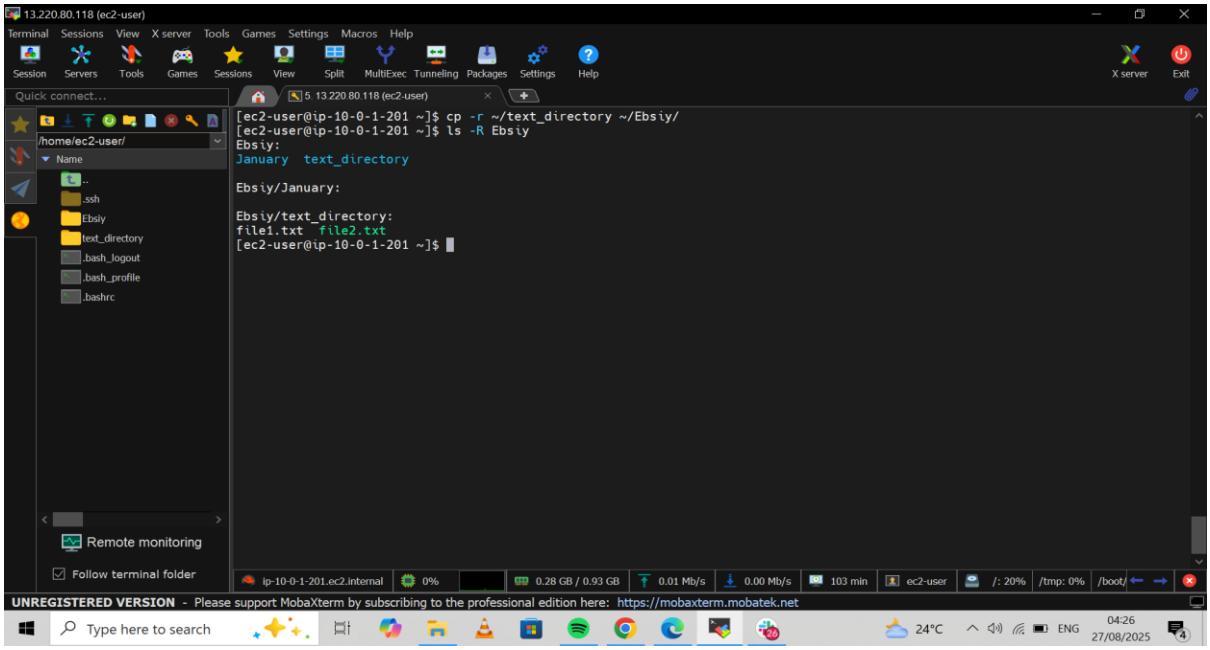


5) Copy all the files in <**text_directory**>, with directory, into <**your_first_name**

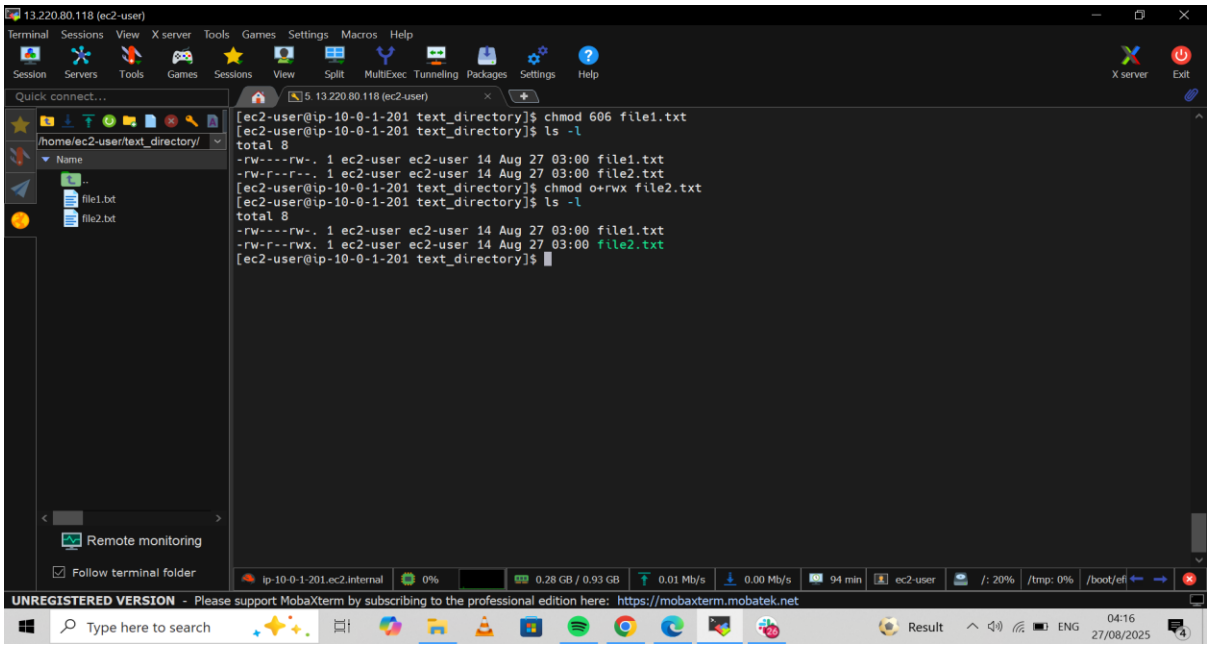


6)Copy all the files in <**text_directory**>, without directory, into <**your_last_name**>.

Since i rename my last name to my birth month,i will copy the files into the birth month

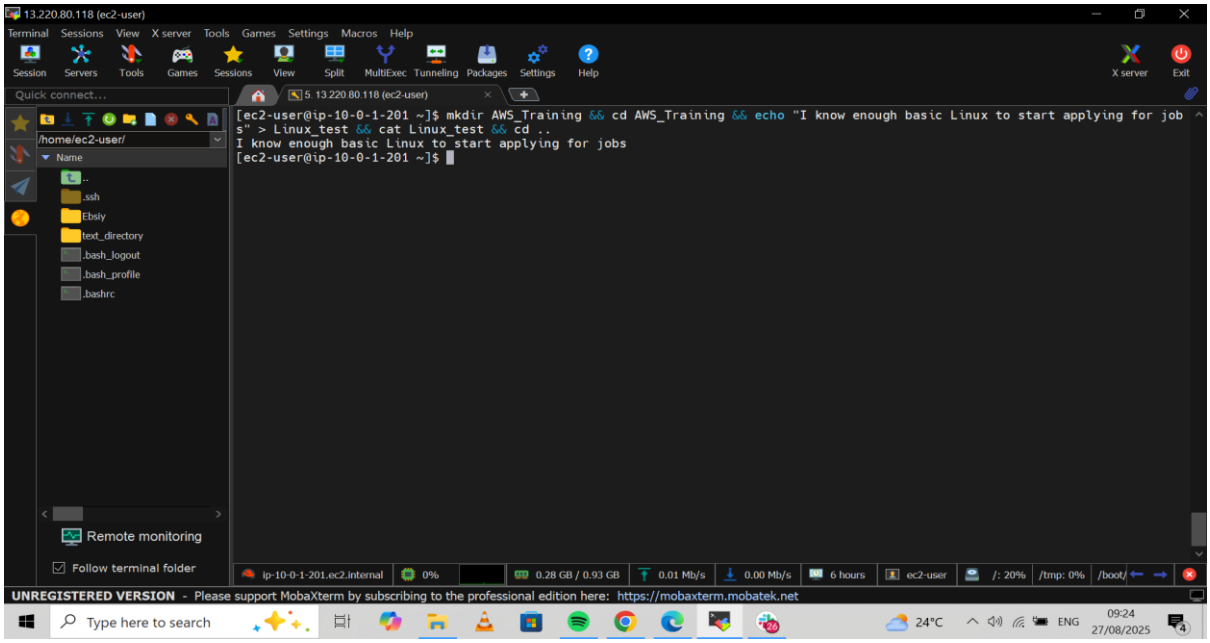


7)Remove <**your_first_name**> and everything in it using a single command.

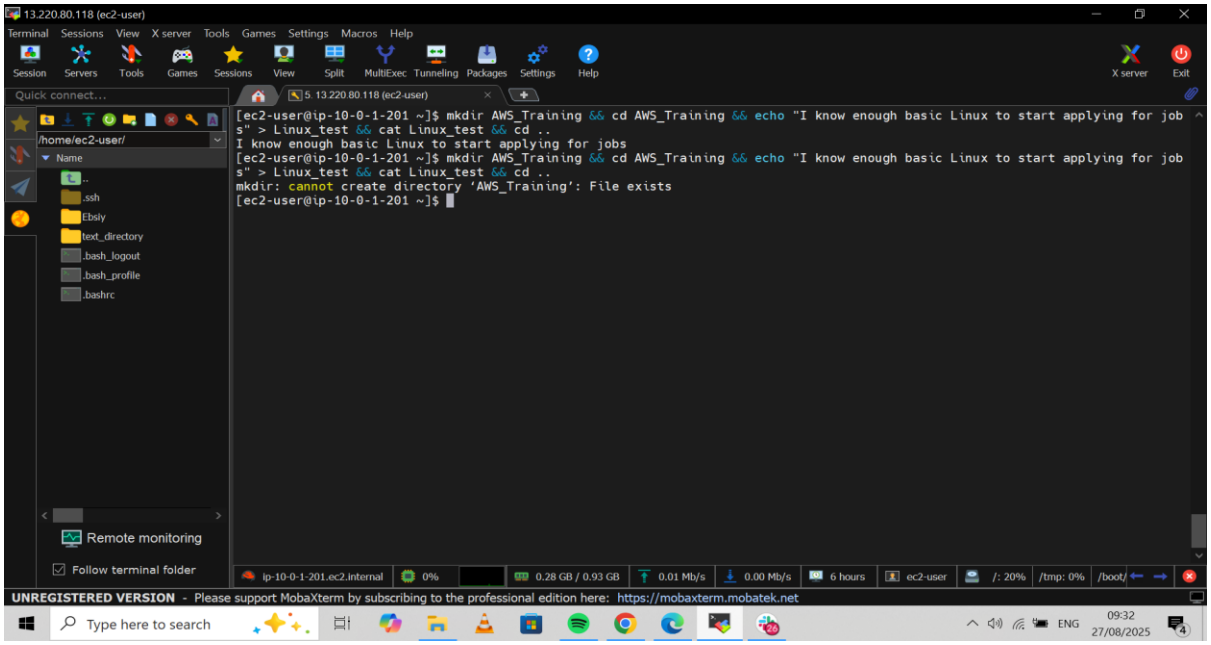


Homework 2

1. Starting in your home directory, execute a single command-line command to make a directory <**AWS_Training**>, change into it, create a file **Linux_test** with content "**I know enough basic Linux to start applying for jobs**", print out Linux_test's contents, and then cd back to the directory you came from.



2)What happens when you run the previous command again? How many of the commands executed? Why?



`mkdir AWS_Training` → Will fail with **"File exists"** because the directory already exists but the rest (`cd AWS_Training`, `echo`, `cat`, `cd ..`) → will still work, because && chains only stop if the previous command fails with a non-zero error.

3)Explain why the command **rm -rf /** is unbelievably dangerous, and why you should never type it into a terminal window, not even as a joke.

Why is **rm -rf /** is unbelievably dangerous

- `rm` → remove.
- `-r` → recursive (delete everything inside).
- `-f` → force (no confirmation).
- `/` → root of the filesystem.

So `rm -rf /` means "delete every single file and directory on this computer/server."
It would wipe out **your OS and all data immediately**.

4)How can the previous command be made even more dangerous?

rm -rf --no-preserve-root /.it bypasses the safeguard and will destroy the entire sytem.
That's why you ust never run this command, not even as a joke.