FERTONY JR. B. SABADO OS 102

BSCS - C2022

**Activity: Users and Groups**

**COMMAND AND RESULTS**

**Part 1: User Management**

1. Create a new user named student1. What command did you use?

* sudo useradd student1

2. Set a password for student1. Provide the command.

* sudo passwd student1

3. Modify student1’s account to expire on December 31, 2025.

* sudo chage -E 2025-12-31 student1

4. List all users in the system. What file stores user account details?

* cat /etc/passwd

**Part 2: Group Management**

5. Create a new group called developers.

* sudo groupadd developers

6. Add student1 to the developers group.

* sudo usermod -aG developers student1

7. Verify that student1 is now part of developers.

* groups student1

8. Change the primary group of student1 to developers.

* sudo usermod -g developers student1

**Part 3: File Permissions & Sudo Access**

9. As the root user, create a directory /project. Change its group ownership to

developers and set permissions so that only members of developers can modify

files inside it.

* sudo mkdir /project
* sudo chown :developers /project
* sudo chmod 770 /project

10. Grant student1 sudo privileges. What file needs to be modified, and how do you safely

edit it?

* sudo visudo
* student1 ALL=(ALL) ALL

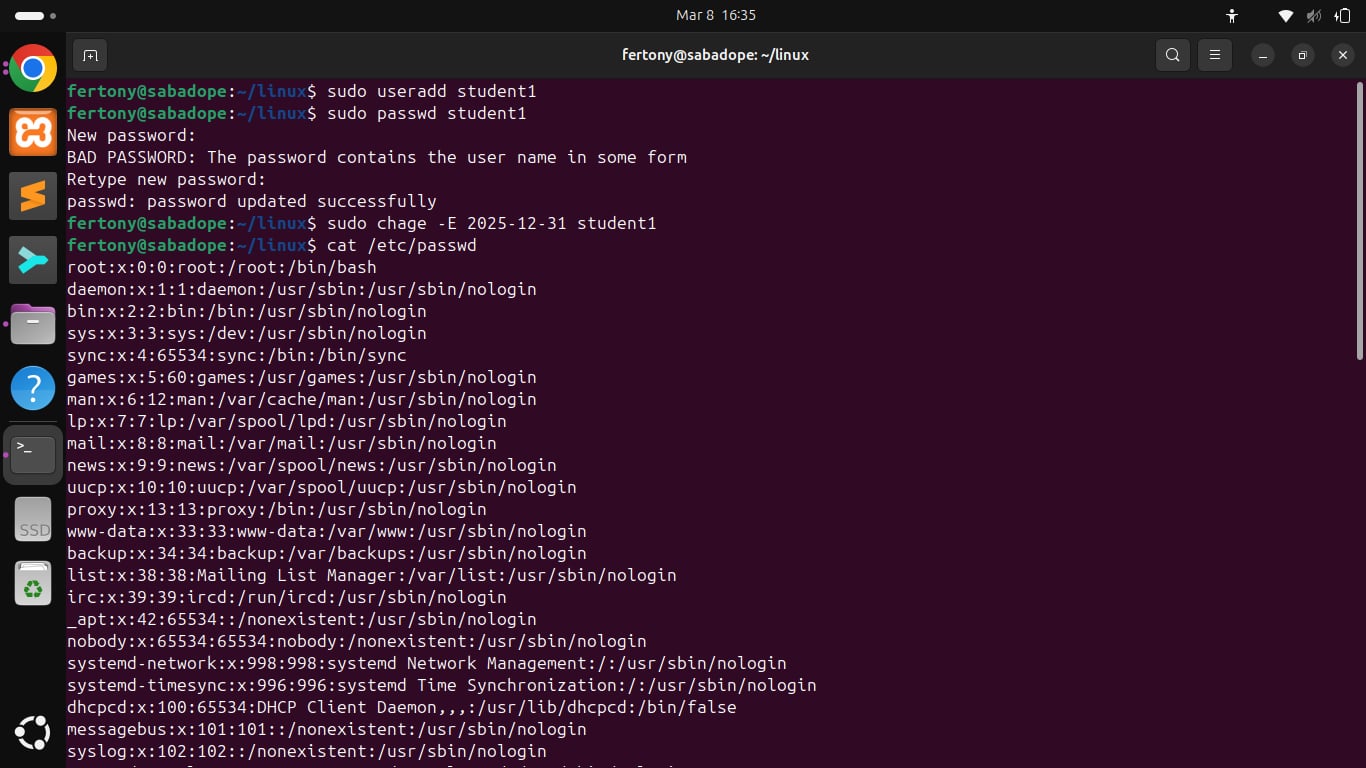
11. Switch to student1 and execute a command using sudo. What happens if student1

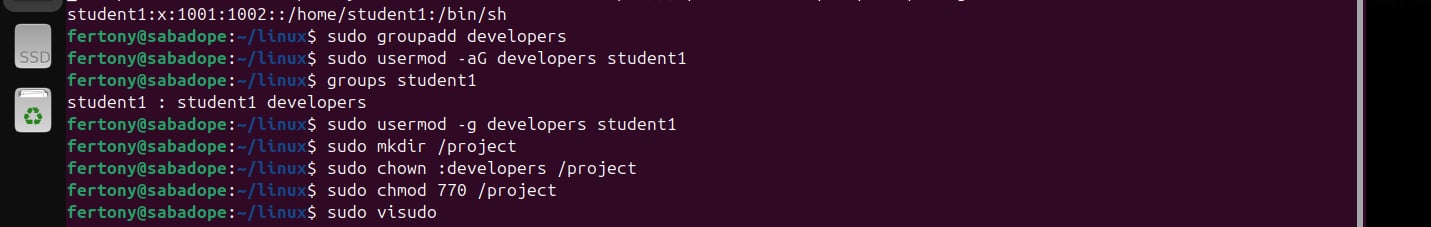
is not in the sudoers file?

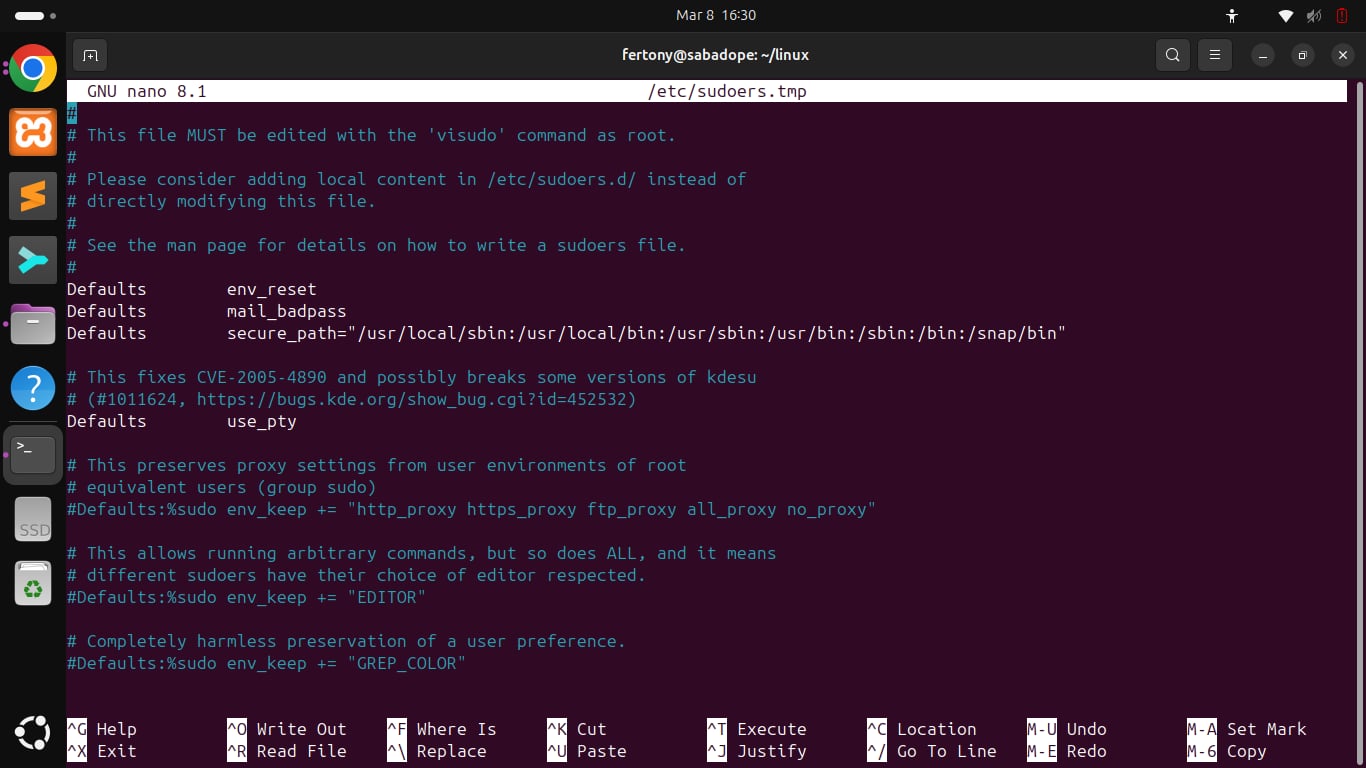
* su - student1

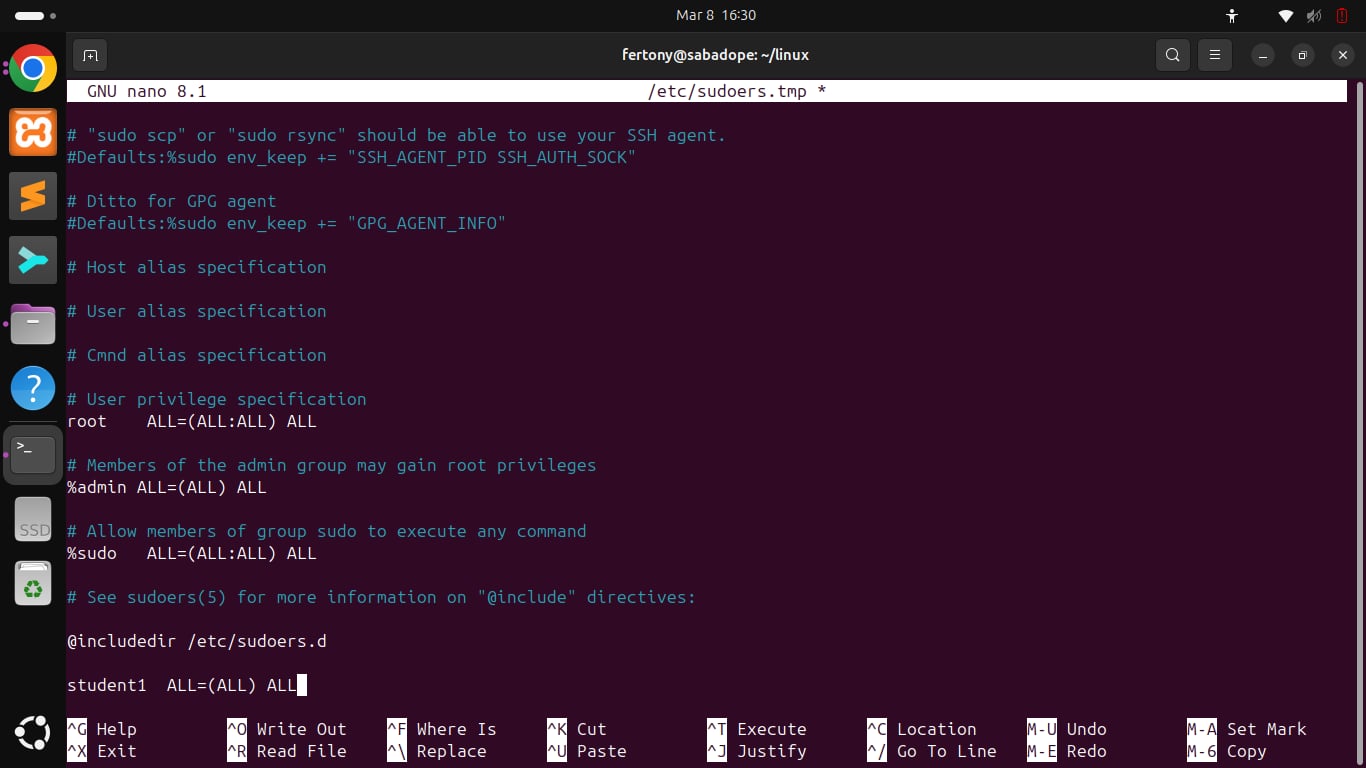
“su: warning: cannot change directory to /home/student1: No such file or directory”

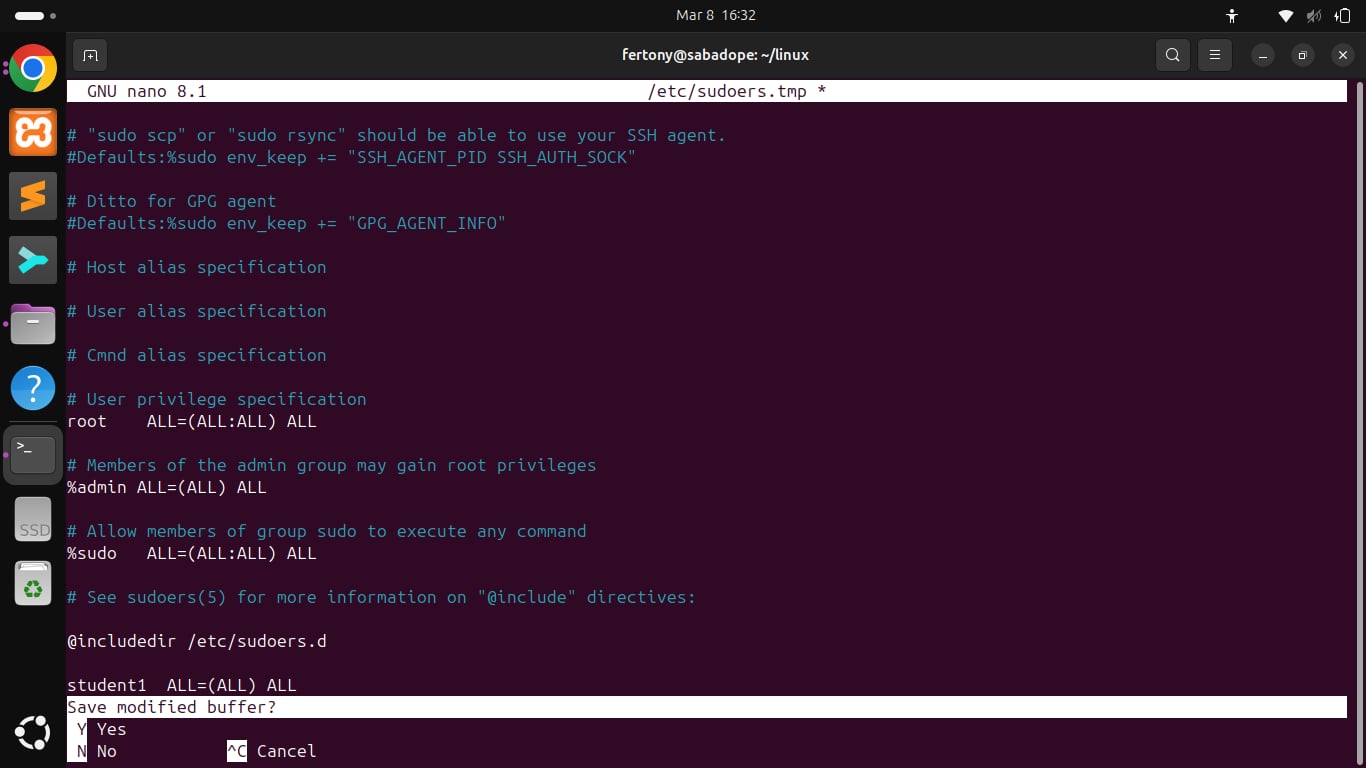
**SCREENSHOT**

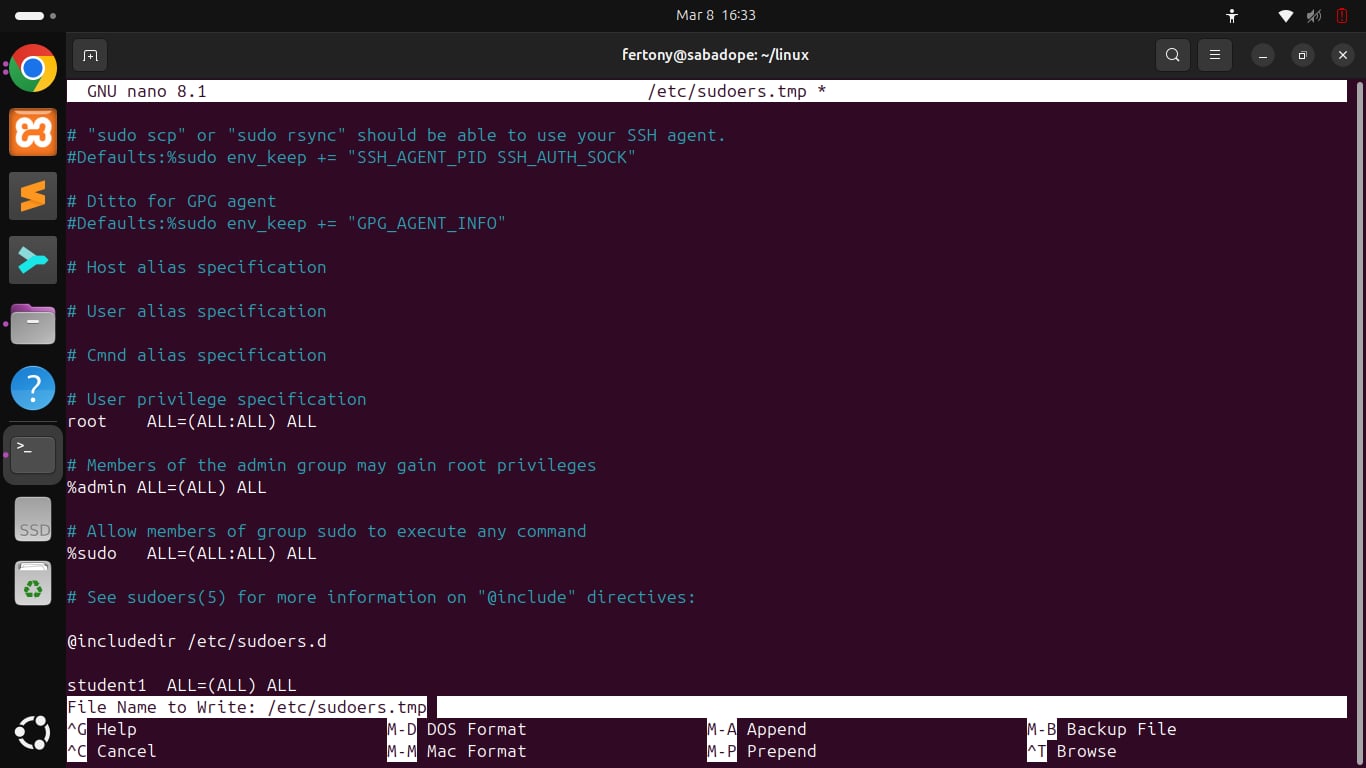
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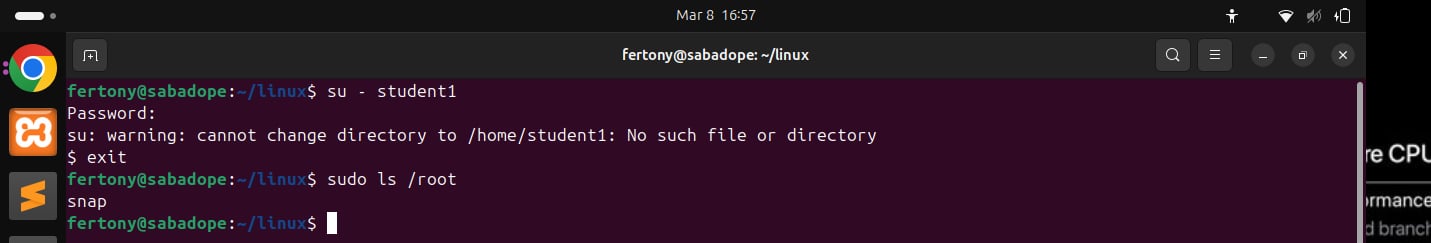
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