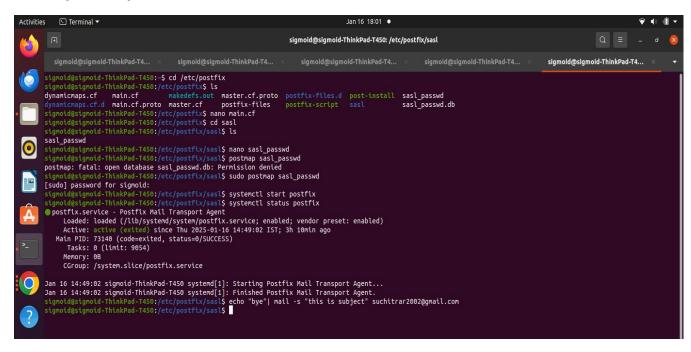
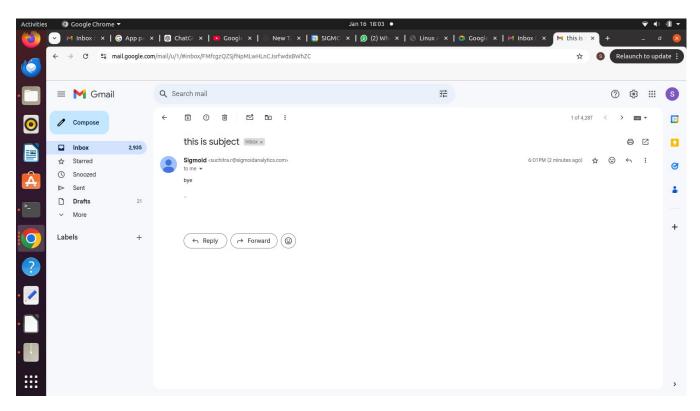
1. Configure smtp in localhost.

sudo apt install postfix





2. Create a user in your localhost, which should not be able to execute the sudo command.

sigmoid@sigmoid-ThinkPad-T460:/\$ sudo useradd suchi

sigmoid@sigmoid-ThinkPad-T460:/\$ su suchi

Password:

su: Authentication failure

sigmoid@sigmoid-ThinkPad-T460:/\$ sudo passwd suchi

New password:

Retype new password:

passwd: password updated successfully

sigmoid@sigmoid-ThinkPad-T460:/\$ su suchi

Password:

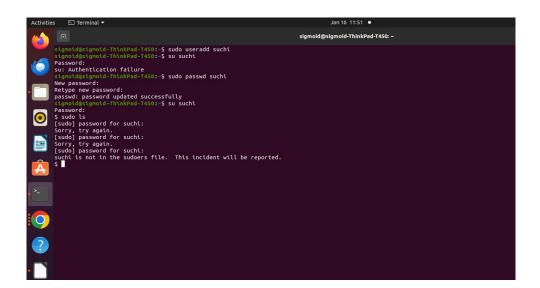
\$ sudo Is

[sudo] password for suchi:

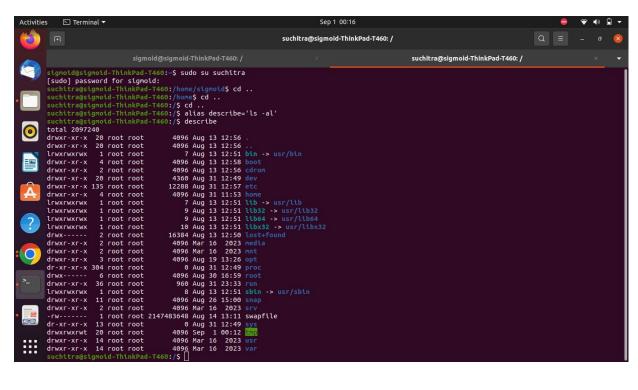
Sorry, try again.

[sudo] password for suchi:

suchi is not in the sudoers file. This incident will be reported.

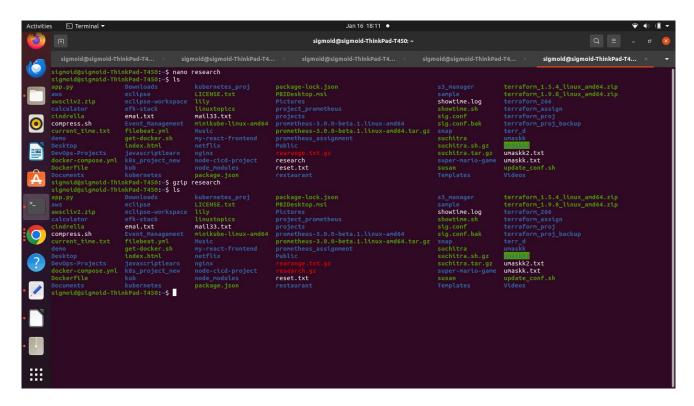


- 3. Configure your system in such a way that when a user type and executes a describe command from anywhere of the system it must list all the files and folders of the user's current directory.
- \$ alias describe='ls' \$describe

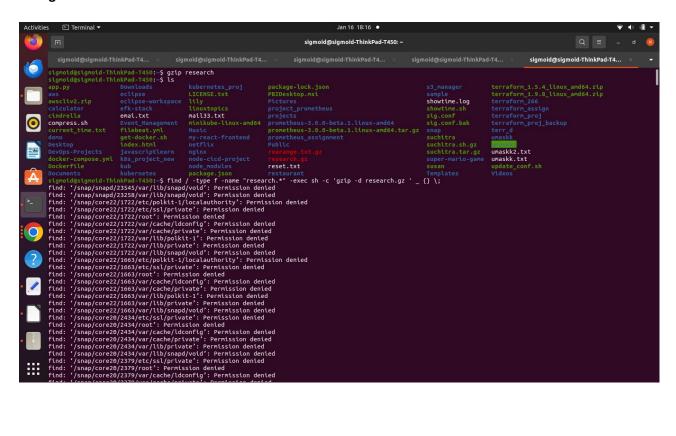


4. Users can put a compressed file at any path of the linux file system. The name of the file will be research and the extension will be of compression type, example for gzip type extension will be .gz.

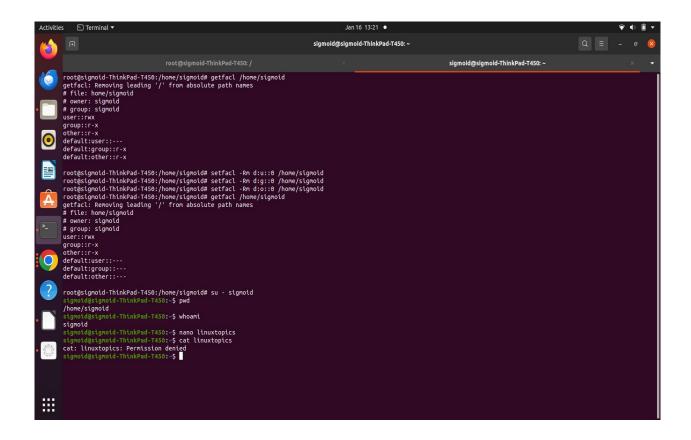
You have to find the file and check the compression type and uncompress it.



using find command:



5. Configure your system in such a way that any user of your system creates a file then there should not be permission to do any activity in that file.



6. Create a service with the name showtime, after starting the service, every minute it should print the current time in a file in the user home directory.

Ex:-

sudo service showtime start -> It should start writing in file. sudo service showtime stop -> It should stop writing in file. sudo service showtime status -> It should show status.

