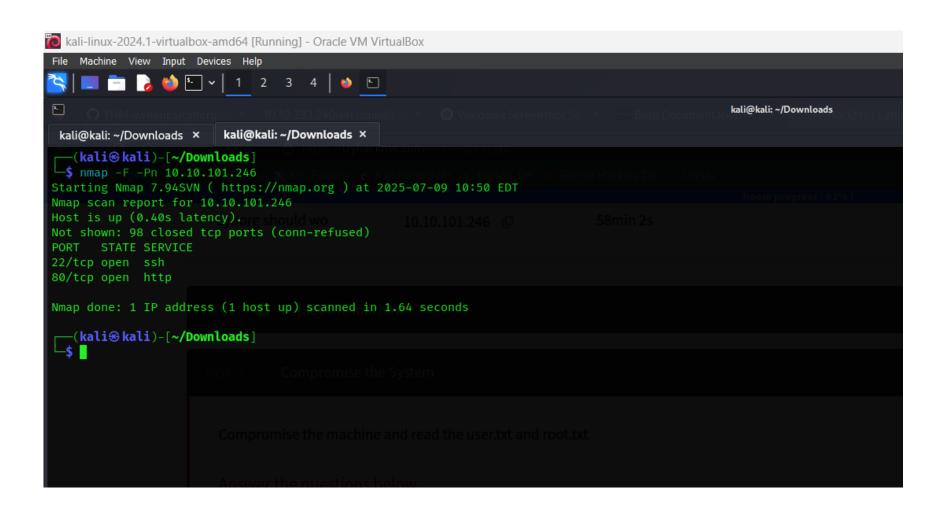
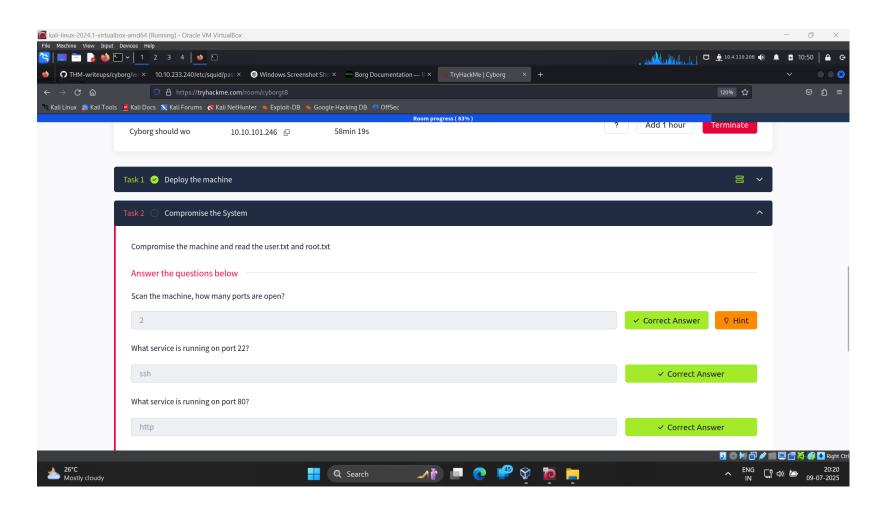
Cyborg room - Try Hack Me



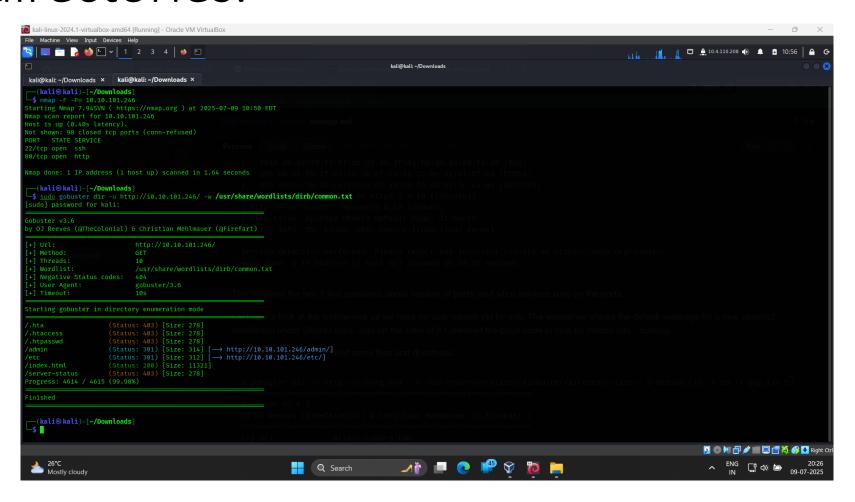
Begin with the usual nmap scan:



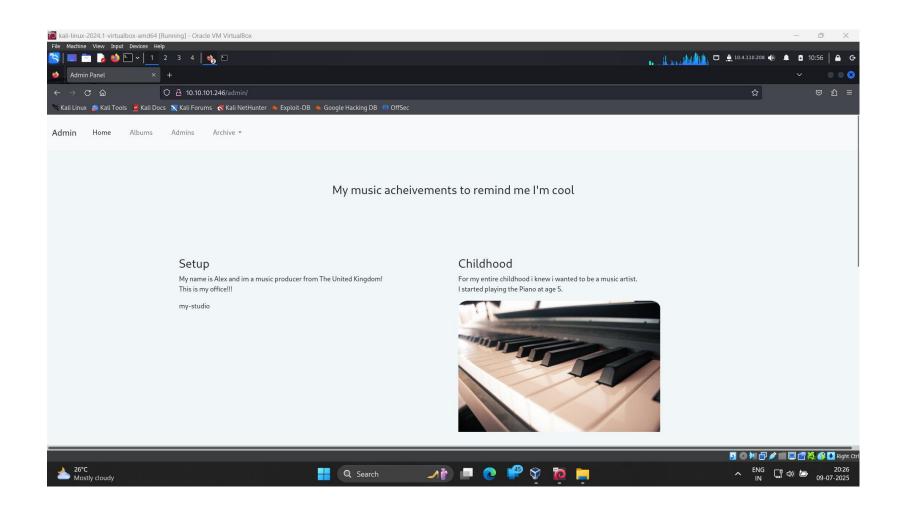
Answers for first 3 questions about the number of ports and services that runs on the port.



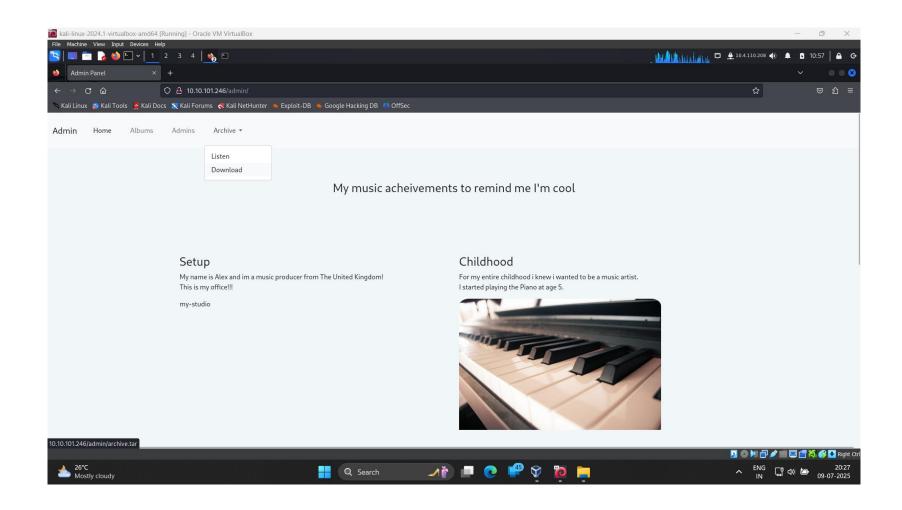
By using the tool gobuster find some files and directories.



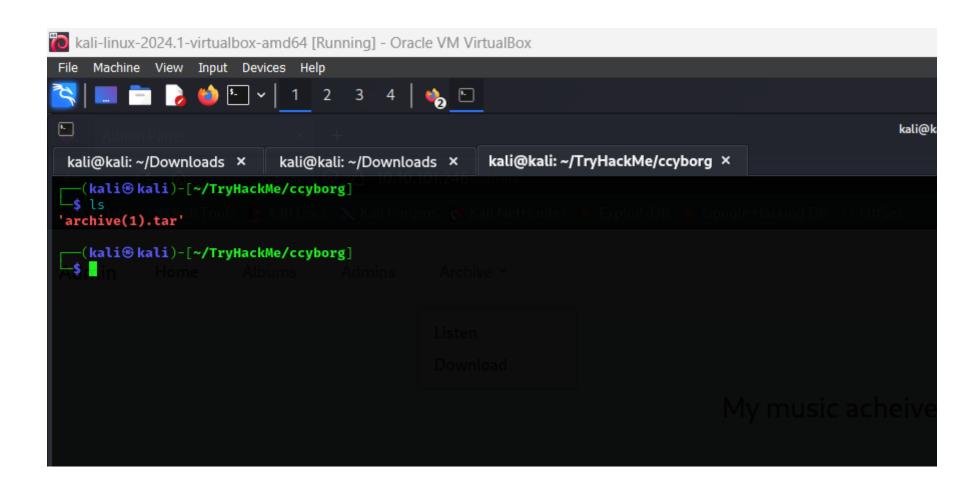
Move to /admin directory



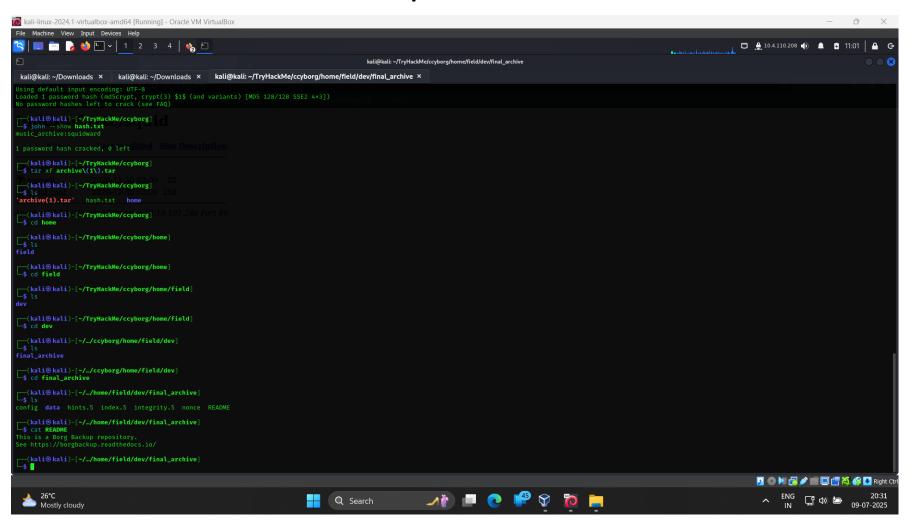
On the menu there is a file to download



Download the file which gives us .tar zip file



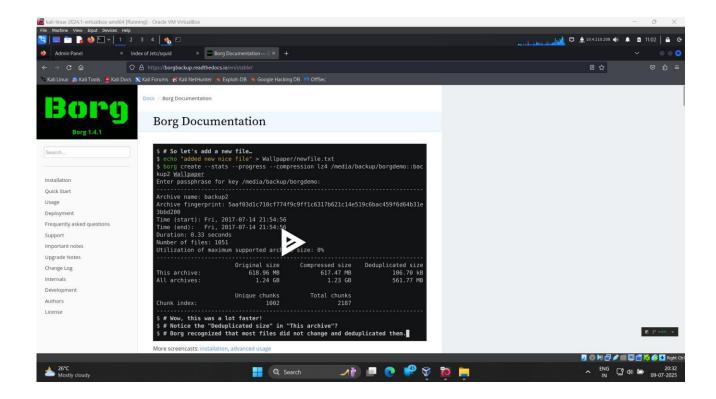
After extract the zip file "archive.tar"



While exploring the archive.tar file I found RFADMF

After using a command "cat README" I got a website link

The website:

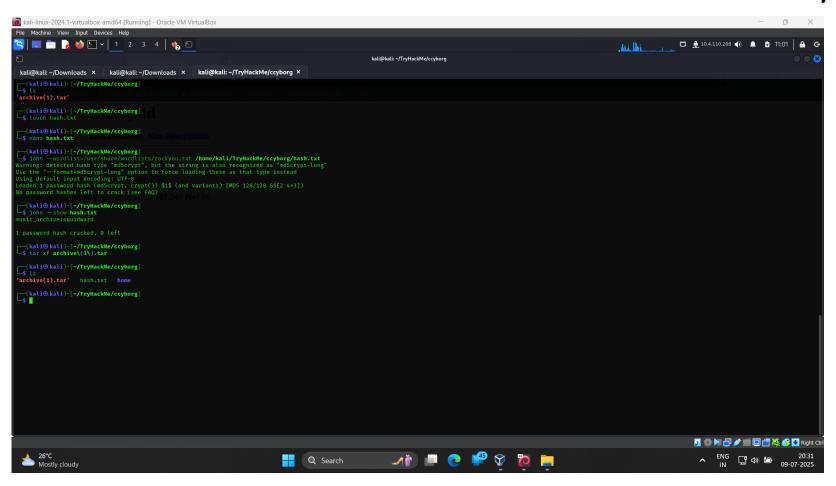


By using the borg I backup the "music_archive" file from archive.tar

```
| Cat README | This is a Borg Backup repository. | See https://borgbackup.readthedocs.io/ | Cati@kali)-[~/_/home/field/dev/final_archive] | Cati@kali)-[~/_/home/field/dev/final_archive] | Cati@kali)-[~/_/home/field/dev/final_archive] | Cati@kali)-[~/_/home/kali/TryHackMe/ccyborg/home/field/dev/final_archive | Usage: borg extract /home/kali/TryHackMe/ccyborg/home/field/dev/final_archive | Cati@kali)-[~/_/home/kali/TryHackMe/ccyborg/home/field/dev/final_archive | Cati@kali)-[~/_/home/kali/TryHackMe/ccyborg/home/field/dev/final_archive: | Cati@kali)-[~/_/home/field/dev/final_archive: | Cati@kali)-[~/_/home/field/dev/final_archive: | Cati@kali)-[~/_/home/field/dev/final_archive: | Cati@kali)-[~/_/home/kali/TryHackMe/ccyborg/home/field/dev/final_archive: | Cati@kali)-[~/_/home/kali/TryHackMe/ccyborg/home/field/dev/final_ar
```

The password used to backup was cracked by tool:-john the ripper

The Hash was found from website directory > /etc



After using the borg tool (The command was used to given below) I got a directory called "Home" borg extract /home/kali/TryHackMe/ccyborg/home/field/dev/final_archive::music_archive

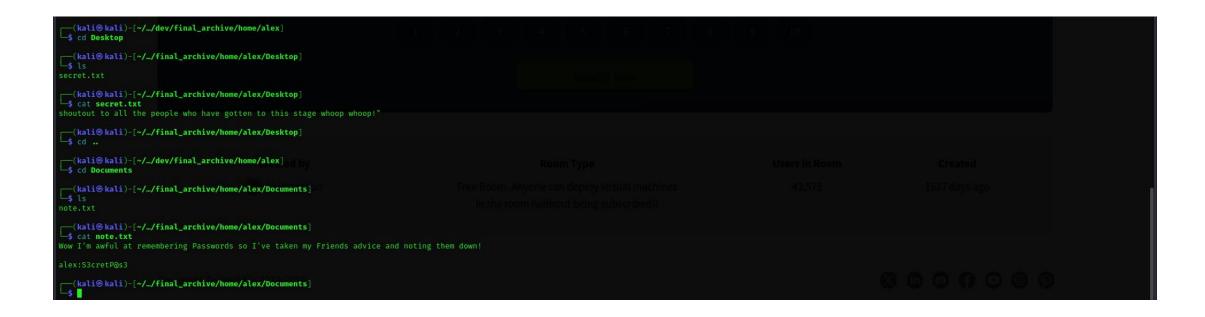
```
(kali@ kali)-[~/.../home/field/dev/final_archive]
$ borg extract /home/kali/TryHackMe/ccyborg/home/field/dev/final_archive: music_archive
Enter passphrase for key /home/kali/TryHackMe/ccyborg/home/field/dev/final_archive:
Enter passphrase for key /home/kali/TryHackMe/ccyborg/home/field/dev/final_archive:

(kali@ kali)-[~/.../home/field/dev/final_archive]
config data hints.5 home index.5 integrity.5 nonce README

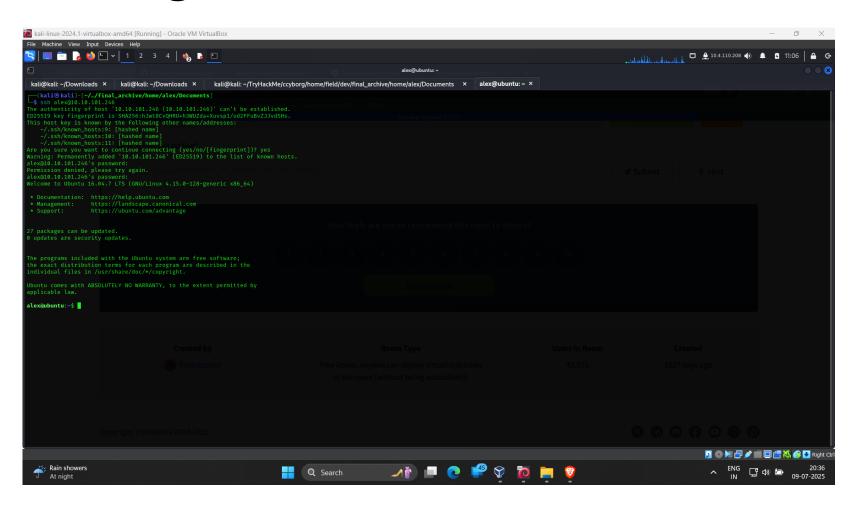
(kali@ kali)-[~/.../home/field/dev/final_archive]

(kali@ kali)-[~/.../home/field/dev/final_archive]
```

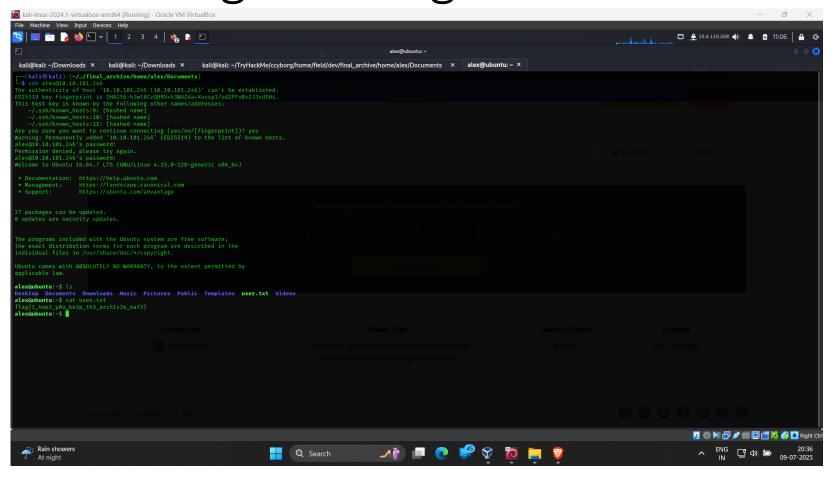
After exploring the home which I found a file named note.txt



And from there I got the id and password for connecting the ssh



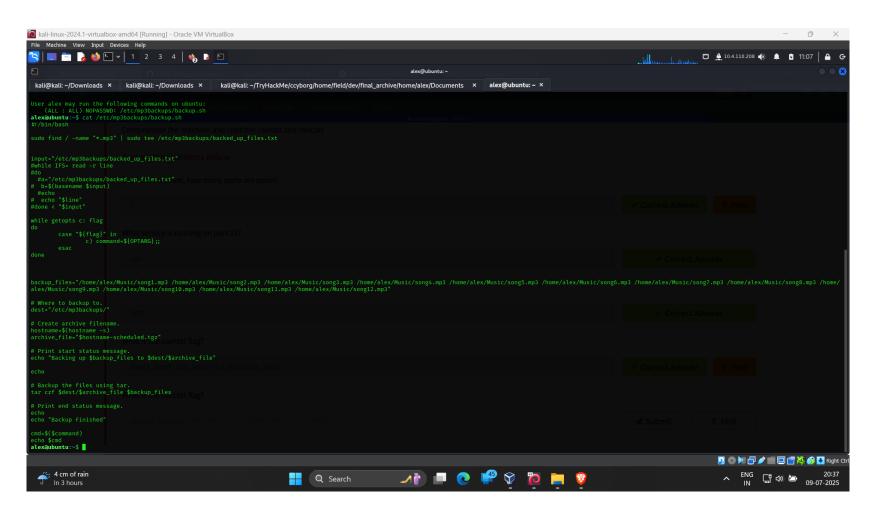
While exploring the ssh I found the user.txt on the directory called alex. Using the cat tool I read the falg. Here I get the user.txt flag.



And I start the search for root flag.

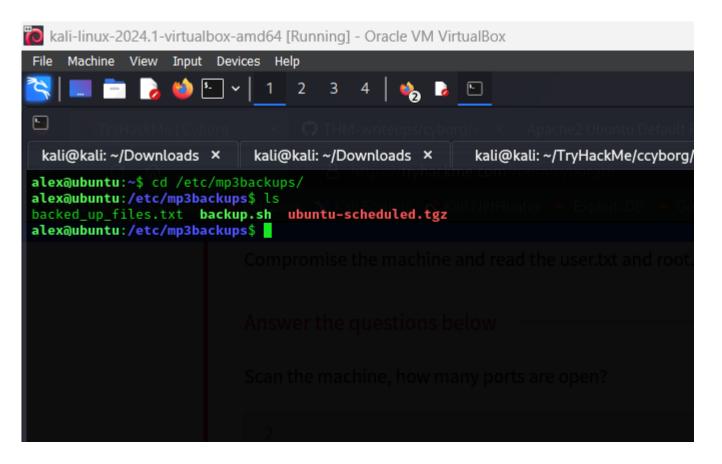
I used "su sudo" but the Permission was denied.

And I used sudo –I command to know where the sudo command can be used and the result was

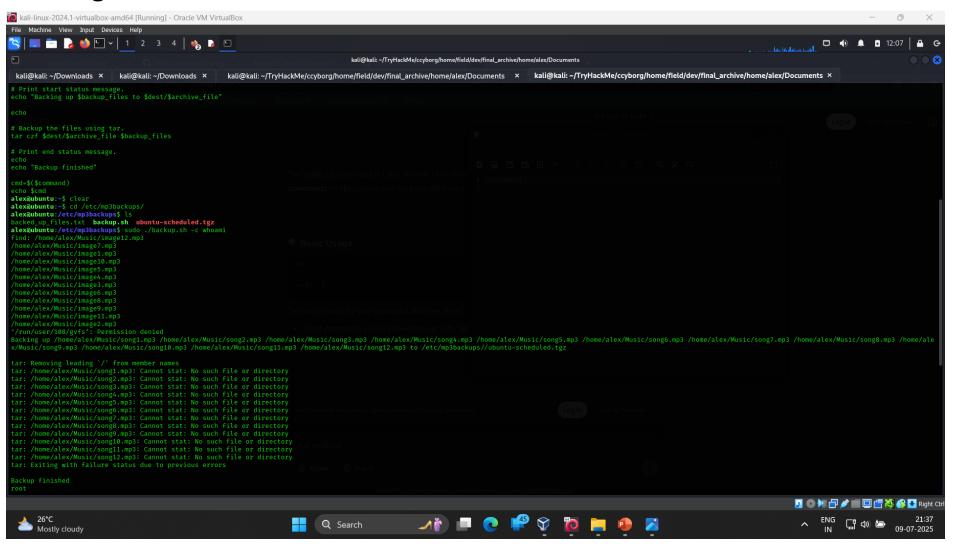


Here I understand this file can be read by using the tools. And I used the tool "cat" for read it. And I got:-/etc/mp3backups/backup.sh

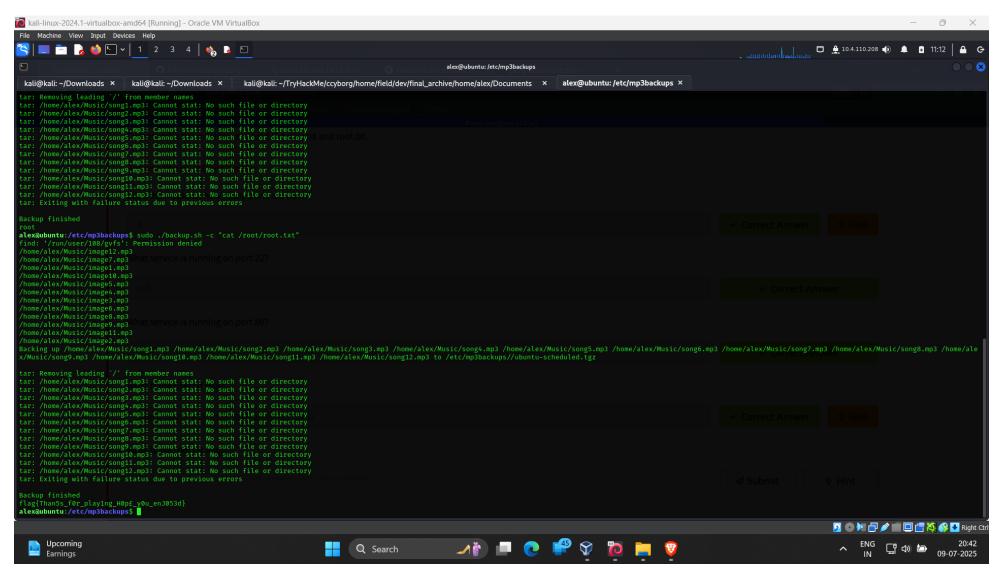
By exploring it I swiched to /etc/mp3backups by cd /etc/mp3backups the result was :-



After that I looked up for the Permission I found the the backup.sh is a root Priveledge file.



Here I understand that the backup.sh have the permission to assess to root priveledge files and by using that I read the "root.txt" file.



Here I completed all challenges on this room

