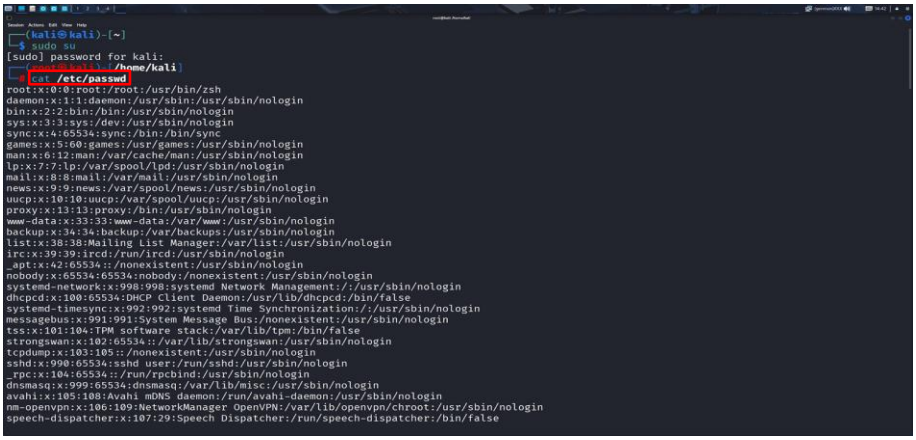
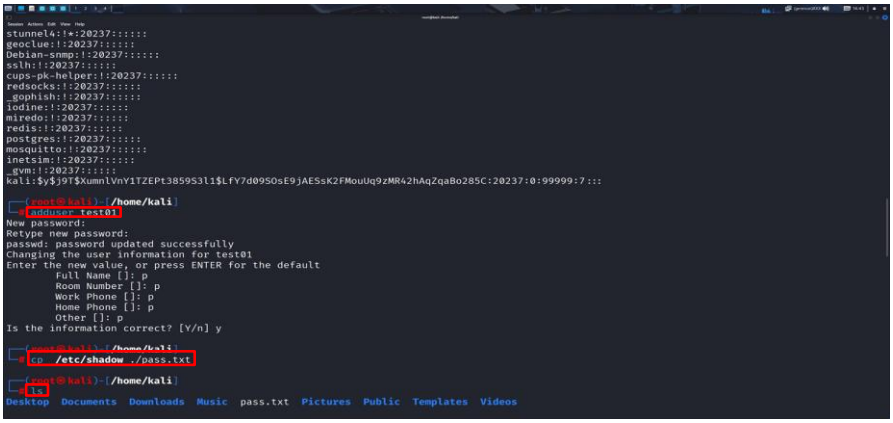
Password Cracking using John The Ripper:



- Open Kali linux and run it in the Root user.
- Use cat /etc/passwd command to display the contents of the all user accounts registered on the system.

- Use cat /etc/shadow command in Linux to display the contents of the shadow password file, which stores encrypted user passwords and other sensitive account information.



- Give adduser test01 command to Create a user and give a password to it.
- I have created the user with name of test01 and its password is bunny.
- And now give cp /etc/shadow ./pass.txt command , to copy the `/etc/shadow` file to a new file named `pass.txt` in the current directory.

- Now give cat pass.txt command to view all the content in that file.
- Now delete all the content in the pass.txt file except test01 user credentials. by using nano pass.txt command you can edit the file.

- Give john -format=crypt pass.txt command to crack the password of the created user.
- It cracks the password in seconds, Now the password cracking is completed.
- For verification Purpose, use john --show pass.txt command, to verify whether the password is cracked or not.