HOW TO CRACK PASSWORD LINUX MINT USING TOOLS JOHN THE RIPPER

Ridho Ilham Renaldo, 09011181520021

1. The First Step, Create A New User and Password with User ROOT : *adduser _renaldo*

   Username : renaldo
   Password : canon

2. Seconds , Take the PASSWD file in the folder and *SHADOW,* then the file taken is put in the TMP folder with the file name PASSWORD.TXT.

   sudo /usr/sbin/unshadow /etc/passwd /etc/shadow > /tmp/password.txt

3. Third , The data that we have taken is processed by command :

   john /tmp/password.txt

4. The encryption process was successful :

```
Loaded 2 password hashes with 2 different salts (crypt, generic crypt(3) [?/64])
Remaining 1 password hash
Press 'q' or Ctrl-C to abort, almost any other key for status
canon            (renaldo)
1g 0:00:00:15 100% 2/3 0.06402g/s 228.4p/s 228.4c/s 228.4C/s 10sne1..nermal
Use the "--show" option to display all of the cracked passwords reliably
Session completed
```

5. To display the user and password that was cracked, use this command :

john -show /tmp/password.txt

   The result,

```
ridho:12345:1000:1000:ridho,,,:/home/ridho:/bin/bash
renaldo:canon:1001:1001:,,,:/home/renaldo:/bin/bash

2 password hashes cracked, 0 left
```

There are 2 users, the first user is what I use on the laptop and the second user is the user I just created to do the experiment.