Assignment 5 – CYSE 270

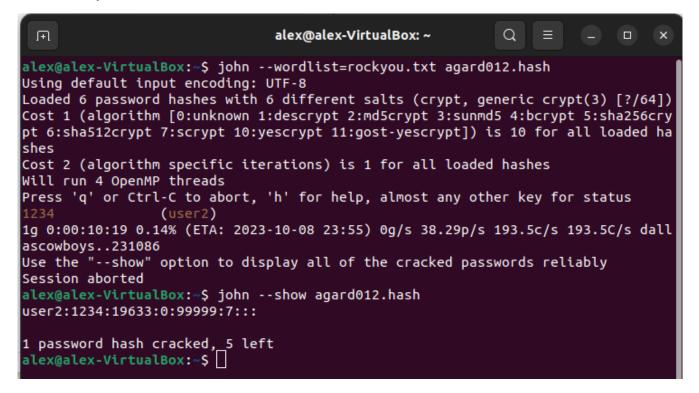
1.Create 6 users in your Linux Terminal, then set the password for each user that meets the following complexity requirement respectively. You should list the passwords created for each user. I used the sudo useradd "user1" and then created the passwords using sudo passwd

- 1. word
- 2.1234
- 3. word1234
- 4. word1234!
- 5. words12345
- 6. WordS123!

2. Export above users' hashes into a file named xxx.hash (replace xxx with your MIDAS) and use John the Ripper tool to crack their passwords in wordlist mode (use rockyou.txt).

| ☐ alex@alex-Virt | :ualBox: ~ | Q = | | | × |
|--|--|---|-----------------------|---------------|-----|
| alex@alex-VirtualBox:~\$ johnwordlist=rod Using default input encoding: UTF-8 Loaded 6 password hashes with 6 different s Cost 1 (algorithm [0:unknown 1:descrypt 2:m pt 6:sha512crypt 7:scrypt 10:yescrypt 11:go shes Cost 2 (algorithm specific iterations) is 1 Will run 4 OpenMP threads Press 'q' or Ctrl-C to abort, 'h' for help, | salts (crypt, ge nd5crypt 3:sunmo ost-yescrypt]) i I for all loaded | eneric cryp 15 4:bcrypt is 10 for a 1 hashes | t(3) 5:sh ll lo | a2560 aded | сгу |

3. Keep your john the ripper cracking for 10 minutes. How many passwords have been successfully cracked? **1**



4. Find and use the proper format in John the ripper to crack the following MD5 hash. Show your steps and results.

Begin by moving to a text file Next use the command john –format=raw-MD5 filename Gives us password and root

