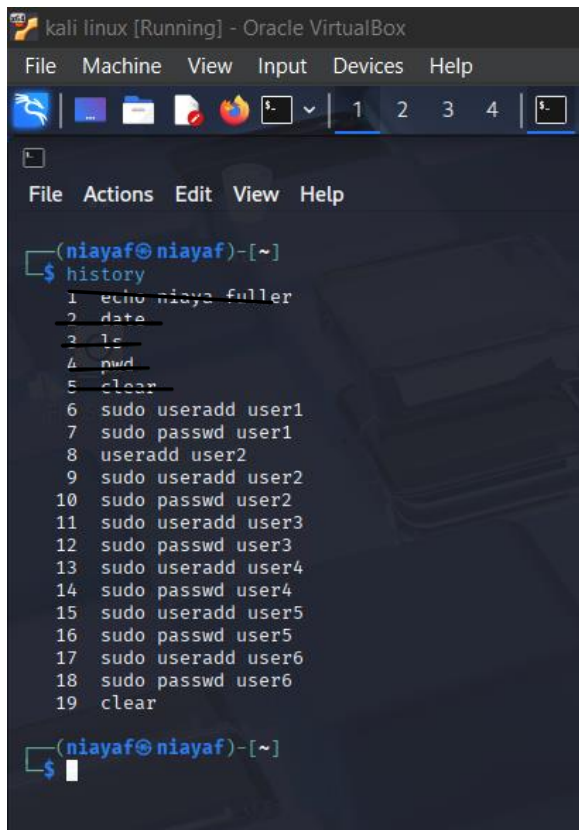


Niaya F

Assignment 5

10/5/25

Steps 1-6:



```
kali linux [Running] - Oracle VirtualBox
File Machine View Input Devices Help
1 2 3 4
File Actions Edit View Help
(niayaf@niayaf)-[~]
$ history
1 echo niaya fuller
2 date
3 ls
4 pwd
5 clear
6 sudo useradd user1
7 sudo passwd user1
8 useradd user2
9 sudo useradd user2
10 sudo passwd user2
11 sudo useradd user3
12 sudo passwd user3
13 sudo useradd user4
14 sudo passwd user4
15 sudo useradd user5
16 sudo passwd user5
17 sudo useradd user6
18 sudo passwd user6
19 clear
(niayaf@niayaf)-[~]
$
```

User1: security

User2: 1234

User3: secure1234

User4: secure1234!!

User5: password33

User6: sEcUrE12!34!

7:

```
kali linux [Running] - Oracle VirtualBox
File Machine View Input Devices Help

(naiyaf@naiyaf)-[~]
└─$ sudo cp /etc/shadow /home/naiyaf/

(naiyaf@naiyaf)-[~]
└─$ ls -l
total 136704
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 apple.txt
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 apricot.txt
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 banana.txt
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 blueberry.txt
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 cherry.txt
-rw-rw-r-- 1 naiyaf designers 5198 Sep 25 23:04 copyright_cyse270
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 cranberry.txt
drwxrwxr-x 2 naiyaf designers 4096 Sep  7 22:05 data
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Desktop
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Documents
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Downloads
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Music
-rw-r--r-- 1 root root            0 Sep 24 16:23 newfile
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Pictures
-rw-rw-r-- 1 naiyaf designers      88 Sep 11 11:35 practice_delete.txt
drwxrwxr-x 7 naiyaf designers 4096 Sep  4 11:35 practice_folder
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Public
-rw-r--r-- 1 naiyaf designers 139921507 Oct  2 11:28 rockyou.txt
-rw-r----- 1 root root          2193 Oct  5 23:36 shadow
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Templates
-rw-r--r-- 1 naiyaf designers 1850 Oct  2 11:33 test.txt
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Videos

(naiyaf@naiyaf)-[~]
└─$ sudo cat shadow > naiyaf.hash

(naiyaf@naiyaf)-[~]
└─$ ls -l
total 136708
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 apple.txt
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 apricot.txt
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 banana.txt
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 blueberry.txt
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 cherry.txt
-rw-rw-r-- 1 naiyaf designers 5198 Sep 25 23:04 copyright_cyse270
-rw-rw-r-- 1 naiyaf designers      0 Sep  4 11:12 cranberry.txt
drwxrwxr-x 2 naiyaf designers 4096 Sep  7 22:05 data
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Desktop
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Documents
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Downloads
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Music
-rw-r--r-- 1 root root            0 Sep 24 16:23 newfile
-rw-r--r-- 1 naiyaf designers 2193 Oct  5 23:37 naiyaf.hash
drwxr-xr-x 2 naiyaf designers 4096 Aug 28 10:14 Pictures
-rw-rw-r-- 1 naiyaf designers      88 Sep 11 11:35 practice_delete.txt
```

8:

It was able to get 3 passwords.

```
(niayaf@niayaf)-[~]
└─$ sudo john --format=crypt niayaf.hash --wordlist=/home/student/rockyou.txt
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (crypt, generic crypt(3) [?/64])
Cost 1 (algorithm [1:descrypt 2:md5crypt 3:sunmd5 4:bcrypt 5:sha256crypt 6:sha512crypt]) is 0 for all loaded hashes
Cost 2 (algorithm specific iterations) is 1 for all loaded hashes
Will run 3 OpenMP threads
fopen: /home/student/rockyou.txt: No such file or directory

(niayaf@niayaf)-[~]
└─$ sudo john --format=crypt niayaf.hash --wordlist=/home/niayaf/rockyou.txt
Using default input encoding: UTF-8
Loaded 7 password hashes with 7 different salts (crypt, generic crypt(3) [?/64])
Cost 1 (algorithm [1:descrypt 2:md5crypt 3:sunmd5 4:bcrypt 5:sha256crypt 6:sha512crypt]) is 0 for all loaded hashes
Cost 2 (algorithm specific iterations) is 1 for all loaded hashes
Will run 3 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
1234          (user2)
security      (user1)
password33    (user5)
3g 0:00:10:21 0.17% (ETA: 2025-10-10 03:52) 0.004828g/s 47.89p/s 228.3c/s 228.3C/s moonwalk..ilove12
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
```