# MY FIRST CYBERSECURITY CAPTURE THE FLAG(CTF) ACTIVITY AT MASTERSCHOOL

The CTF challenge covers the following aspects:

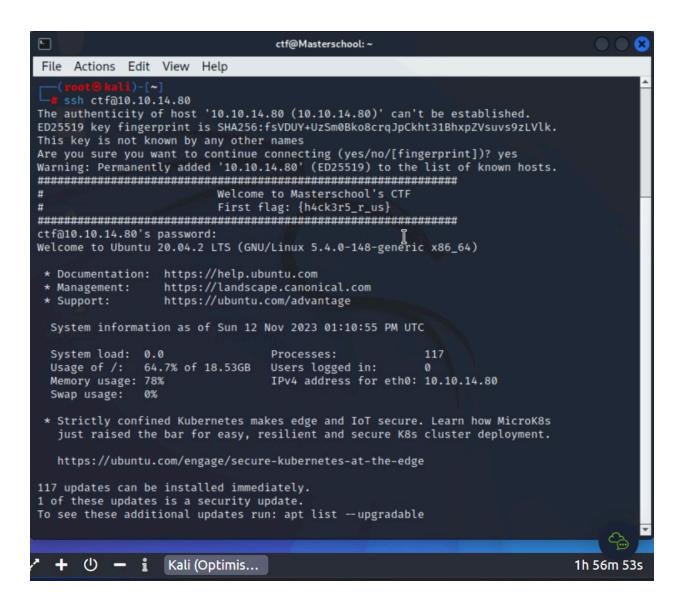
1. User and File Management

#### **▼** Task Details:

- <u>User Creation</u>: Start by creating a new user in the Linux system.
   Remember to assign the user a password for subsequent login purposes.
- **User Switch:** Once the new user has been created, switch your session to that user. This step will involve using command-line authentication.
- <u>Folder and File Creation</u>: As the new user, create a new directory. Create a file and write a simple message inside this directory. Your message could be something like "Hello from [your username]!". Remember to save the file before proceeding.
- Switch Back to Original User: After successfully writing the message, switch back to your original user session, which for this exercise, is 'ctf'.
- 2. File System Flags
- 3. Webpage Flags
- 4. Hidden Flags Challenge
- 5. Hash Cracking

# STEP 1:

Connecting to the target machine using Secure Shell (SSH) with the syntax ssh user@targetip.



When i connected to the machine i was welcomed with the **First Flag** {h4ck3r5\_r\_us}.

# STEP 2: User creation & User Switch

This stage encompasses different tasks and for each a different syntax.

Syntax sudo adduser sam & su sam

```
Last login: Sat Dec 9 08:50:35 2023 from 10.9.142.42
ctf@Masterschool:~$ sudo adduser sam
Adding user `sam' ...
Adding new group `sam' (1005) ...
Adding new user `sam' (1005) with group `sam' ...
Creating home directory `/home/sam'
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for sam
Enter the new value, or press ENTER for the default
        Full Name []:
        Room Number []:
        Work Phone []:
        Home Phone []:
        Other []:
Is the information correct? [Y/n] Y
ctf@Masterschool:~$ su sam
Password:
sam@Masterschool:/home/ctf$
```

From the image above we were able to create the user "Sam" and also switched to the user.

### STEP 3: Folder creation

syntax mkdir ctf\_exercise

```
sam@Masterschool:/$ cd home
sam@Masterschool:/home$ ls
admin ctf lg sam samuel
sam@Masterschool:/home$ cd sam
sam@Masterschool:~$ ls
sam@Masterschool:~$ mkdir ctf_exercise
sam@Masterschool:~$ ls
ctf_exercise
sam@Masterschool:~$
```

from the image in Step 2, we created the user SAM, but the user was still in the directory of the user CTF where i had no permission to create a file in. so i navigated to the home directory using cd home then listed the items in the home directory with s and navigated into Sam directory with cd sam after which i used mkdir ctf\_exercise this created a folder called ctf\_exercise.

#### **STEP 4: File Creation**

Syntax: touch message.txt , nano message.txt , cat > message.txt

```
sam@Masterschool:~/ctf_exercise$ touch message.txt
sam@Masterschool:~/ctf_exercise$ nano message.txt
sam@Masterschool:~/ctf_exercise$ cat message.txt
"Hello from Sam"
sam@Masterschool:~/ctf_exercise$
```

i used the command touch message.txt to create a file called "message.txt" after which i used the nano message.txt command to write/edit my message "Hello from Sam" into the created file. there is another method to this which is by using the cat command to create the file and also append the text into the file.

```
sam@Masterschool:~/ctf_exercise$ cat > message.txt
"Hello From Sam"
sam@Masterschool:~/ctf_exercise$ cat message.txt
"Hello From Sam"
sam@Masterschool:~/ctf_exercise$
```

This tasks made me understand the usage of nano and also how to use the cat command adequately.

# **STEP 5: Switch back to Original User**

syntax: su ctf

```
sam@Masterschool:~/ctf_exercise$ su ctf
Password: mloads
ctf@Masterschool:/home/sam/ctf_exercise$
```

## **STEP 6: File System Flags**

This is the second challenge in the exercise and we were told that there are four(4) file system flags and one of them is in a file called "find\_flag.txt". this is actually a good hint and prompted me to use the find command find / -name "find\_flag.txt" -type f 2>/dev/null

let me break this command down;

- i. find: The command-line utility used for searching files and directories in a Unix-like operating system.
- ii. /: Specifies the starting point for the search. it is the root directory, which is the top-level directory in the file system.
- iii. -name "find\_flag.txt": This option specifies the name of the file to search for. In this case, the file name is "find\_flag.txt".
- iv. -type f: This option restricts the search to only files. The argument "f" stands for file.

v. 2>/dev/null: This part of the command is used to redirect error messages to /dev/null, which essentially discards them. The number "2" refers to the standard error (stderr), and /dev/null is a special file that represents nothingness. By doing this, any error messages produced during the search (such as permission denied messages for directories the user doesn't have access to) will not be displayed on the terminal.

```
ctf@Masterschool:~$ find / -name "find_flag.txt" -type f 2>/dev/null
/var/backups/find_flag.txt
ctf@Masterschool:~$
```

the find command returned the file path to us so we would use the cat command to open the file.

```
ctf@Masterschool:~$ find / -name "find_flag.txt" -type f 2>/dev/null
/var/backups/find_flag.txt
ctf@Masterschool:~$ cat /var/backups/find_flag.txt
{F1nd_Fl4g_Fun}
ctf@Masterschool:~$
```

There it is our first file system flag is {F1nd\_FL4g\_Fun}.

## **Second File System Flag:**

i listed all folders and files in ctf directory using Is -lah and voila i found a hidden file .f.txt then i used the command cat.f.txt , i found another flag {H1d3\_1n\_pl41n\_s1gh7}

```
ctf@Masterschool:~$ ls -lah
total 44K
drwxr-xr-x 6 ctf ctf 4.0K May 19 2023 .
drwxr-xr-x 7 root root 4.0K Dec 9 08:55 ...
-rw----- 1 ctf ctf
                       72 Dec 9 08:55 .bash history
-rw-r--r--- 1 ctf ctf 220 May 17 2023 .bash_logout
-rw-r--r-- 1 ctf ctf 3.7K May 17 2023 .bashrc
drwx --- 2 ctf ctf 4.0K May 19 2023 cache
                      4.0K May 19 2023 flag
drwxrwxr-x 10 ctf ctf
-rw-rw-r-- 1 ctf ctf
                      22 May 19 2023 .f.txt
drwxrwxr-x 2 ctf ctf 4.0K May 19 2023 hash_to_crack
drwxrwxr-x 3 ctf ctf 4.0K May 19 2023 .local
                      807 May 17
-rw-r--r--me1sctf.tctf
                                  2023 .profile
ctf@Masterschool:~$ cat .f.txt
{H1d3_1n_pl41n_s1gh7}
ctf@Masterschool:~$
```

#### **Third File System Flag:**

i navigated into another folder "flag" using cd flag then listed all items in the folder with Is-lah

i found an interesting file "story.txt". i opened it with cat story.txt and there was an interesting story of how cybersecurity experts saved the day. whilst reading this, i found another flag {StOry\_FL4g}.

#### Fourth File System Flag:

this wasn't as easy as i expected, thanks to one of my colleagues Tom, he was the one who guided me on locating the last file system flag. it was just a simple find command to show all hidden files in the flag directory using <code>find.-typef</code>. this brought two results. the first which we had viewed earlier and the second which hasnt been viewed.

```
ctf@Masterschool:~/flag$ find . -type f
./story.txt
./6/m/a/s/t/e/r/s/c/h/o/o/l/f_l_a_g.txt
ctf@Masterschool:~/flag$
```

i opened the second using cat ./6/m/a/s/t/e/r/s/c/h/o/o/l/f\_La\_g.txt and i found the last flag which was (Y0u\_G0T\_1t) shown in the image below.

```
ctf@Masterschool:~/flag$ find . -type f
./story.txt
./6/m/a/s/t/e/r/s/c/h/o/o/l/f_l_a_g.txt
ctf@Masterschool:~/flag$ cat ./6/m/a/s/t/e/r/s/c/h/o/o/l/f_l_a_g.txt
(YOu_GOT_1t}
ctf@Masterschool:~/flag$
```

# **STEP 7: Webpage Flags**

i was tasked to find flags hidden within webpages. what i did first was to scan the lp address with the nmap which is a very powerful network scanning tool used to discover hosts and services on computer networks. the command used was nmap targetipaddress -sV -vv -T4

```
-(psalmmy⊕kali)-[~]
 $ nmap 10.10.85.5 =sV==vv==T4
Starting Nmap 7.94SVN ( https://nmap.org ) at 2023-12-09 11:15 GMT
NSE: Loaded 46 scripts for scanning.
Initiating Ping Scan at 11:15
Scanning 10.10.85.5 [2 ports]
Completed Ping Scan at 11:15, 0.05s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 11:15
Completed Parallel DNS resolution of 1 host. at 11:15, 0.03s elapsed
Initiating Connect Scan at 11:15
Scanning 10.10.85.5 [1000 ports]
Discovered open port 53/tcp on 10.10.85.5
Discovered open port 143/tcp on 10.10.85.5
Discovered open port 995/tcp on 10.10.85.5
Discovered open port 25/tcp on 10.10.85.5
Discovered open port 993/tcp on 10.10.85.5
Discovered open port 80/tcp on 10.10.85.5
Discovered open port 22/tcp on 10.10.85.5
Discovered open port 21/tcp on 10.10.85.5
Discovered open port 110/tcp on 10.10.85.5
Completed Connect Scan at 11:16, 4.84s elapsed (1000 total ports)
Initiating Service scan at 11:16
Scanning 9 services on 10.10.85.5
Warning: Hit PCRE_ERROR_MATCHLIMIT when probing for service http with the regex '^HTTP/1\.1 \d\d\d (?:[
|)LaserJet ([\w._ -]+)  bnbsp;'
Completed Service scan at 11:16, 6.27s elapsed (9 services on 1 host)
NSE: Script scanning 10.10.85.5.
NSE: Starting runlevel 1 (of 2) scan.
Initiating NSE at 11:16
Completed NSE at 11:16, 0.27s elapsed
NSE: Starting runlevel 2 (of 2) scan.
Initiating NSE at 11:16
Completed NSE at 11:16, 0.15s elapsed
Nmap scan report for 10.10.85.5
Host is up, received syn-ack (0.043s latency).
Scanned at 2023-12-09 11:15:57 GMT for 12s
Not shown: 991 filtered tcp ports (no-response)
PORT STATE SERVICE REASON VERSION
21/tcp open ftp
22/tcp open ssh
                         syn-ack vsftpd 3.0.3
                         syn-ack OpenSSH 8.2p1 Ubuntu 4ubuntu0.5 (Ubuntu Linux; protocol 2.0)
25/tcp open smtp
                        syn-ack Postfix smtpd
                        syn-ack ISC BIND 9.16.1 (Ubuntu Linux)
53/tcp open domain
80/tcp open http
                         syn-ack Apache httpd 2.4.41 ((Ubuntu))
110/tcp open pop3
                         syn-ack Dovecot pop3d
143/tcp open imap
                         syn-ack Dovecot imapd (Ubuntu)
993/tcp open tcpwrapped syn-ack
995/tcp open tcpwrapped syn-ack
Service Info: Host: Masterschool.Masterschool.com; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel
Read data files from: /usr/bin/../share/nmap
Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
```

I found an http port open, so i pasted the Ip address of my target machine on my web browser and it showed me my first Webpage flag {STUDENT\_CTF\_WEB}



at this point i was stuck but Tom came through again and believe me i learnt a lot from his teachings and it was an eye opener for me. The second flag was hiding in plain sight and that leads us to the source page of the above webpage. and the flag found was **{Another\_Web\_Flag}** 

in the quest for the third flag, Tom introduced me to a tool which shows hidden pages on a webpage and the tool is called Gobuster( a tool used for directory and file brute forcing)

gobuster dir -u targetmachineipaddress -w /usr/share/wordlists/dirb/common.txt

• dir: Specifies the mode of operation. In this case, it indicates that you i am performing directory brute-forcing.

- -u: Specifies the target URL.
- -w: Specifies the wordlist to be used for brute-forcing.
- /usr/share/wordlists/dirb/common.txt: This is an inbuilt wordlists that's always on linux machines.

```
-(psalmmy⊛kali)-[~]
 -$ gobuster dir -u http://10.10.85.5 -w /usr/share/wordlists/dirb/common.txt
Gobuster v3.6
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
[+]|Url:
                                 http://10.10.85.5
[+] Method:
                       Cod 10
[+] Threads:
[+] Wordlist:
                                /usr/share/wordlists/dirb/common.txt
[+] Negative Status codes: 404
[+] User Agent:
                                gobuster/3.6
[+] Timeout:
                                 10s
Starting gobuster in directory enumeration mode
/.hta
                         (Status: 403) [Size: 275]
                     (Status: 403) [Size: 275]
(Status: 403) [Size: 275]
/.htaccess
/.htpasswd
                      (Status: 301) [Size: 307] [→ http://10.10.85.5/flag/] (Status: 200) [Size: 35308]
/flag
/index.html (Status: 200) [Size: 3530]
/robots.txt (Status: 200) [Size: 50]
/server-status (Status: 403) [Size: 275]
Progress: 4614 / 4615 (99.98%)
Finished
   -(psalmmy®kali)-[~]
```

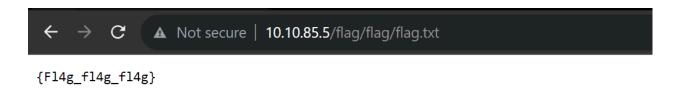
from the above i found another webpage which is http://10.10.85.5/flag



i opened the flag directory and found two text file inside



flag.txt showed me my third flag which is {Fl4g\_Fl4g\_Fl4g}



flag2.txt showed an encoded text in Base64

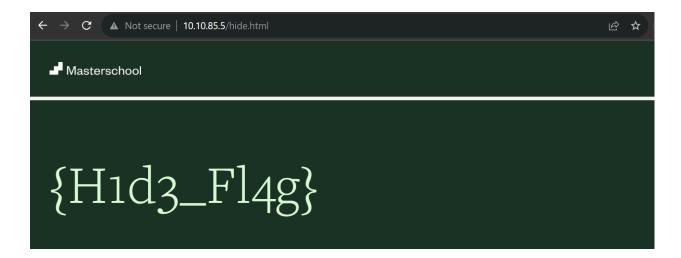


i then used the command | echo e0ZsNGcyX2ZsNGcyfQ== | base64 -d | and my Fourth
flag is | Fl4g2\_fl4g2\_fl4g2

i went back to my gobuster result and found one more accessible webpage which is 10.10.85.5/robots.txt. and behold when i opened the page, i found my fifth webpage flag {Robots\_Flag}



looking at the result from the robots.txt page i found the /hide.html so i proceeded to the page and i found my Sixth webpage flag {H1d3\_Fl4g}

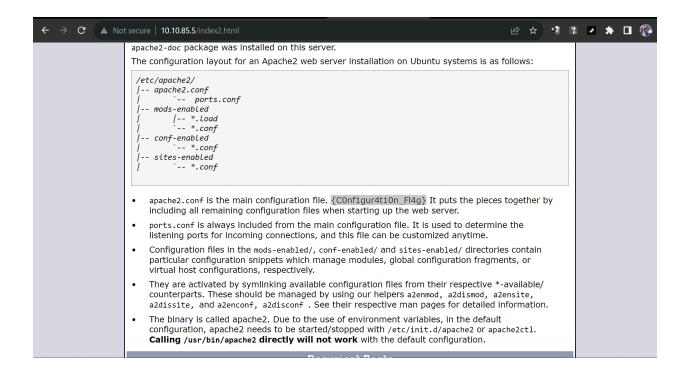


from the above image the hide.html wasn't displayed in the results supplied by gobuster and i still have two flags left to find. this kind of depicts that there are still some hidden html pages and txt files not displayed by go buster. so in other to display this, i would use the command: gobuster dir -u targetmachineipaddress -w

/usr/share/wordlists/dirb/common.txt -x html,txt

```
(psalmmy®kali)-[~]
  💲 gobuster dir -u 10.10.85.5 -w /usr/share/wordlists/dirb/common.txt -x html,txt
Gobuster v3.6
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
                             http://10.10.85.5
[+] Url:
[+] Method:
                             GET
[+] Threads:
                             /usr/share/wordlists/dirb/common.txt
[+] Wordlist:
[+] Negative Status codes: 404
[+] User Agent:
                             gobuster/3.6
[+] Extensions:
                             html,txt
[+] Timeout:
                             10s
Starting gobuster in directory enumeration mode
/.html
                      (Status: 1403) [Size: 275]
/.hta.txt
                      (Status: 0403) [Size: 275]
/.hta
                     (Status: 403) [Size: 275]
/.hta.html
                     (Status: 403) [Size: 275]
                     (Status: 403) [Size: 275]
/.htpasswd.txt
/.htpasswd
                      (Status: 403) [Size: 275]
/.htaccess.html
                     (Status: 403) [Size: 275]
/.htaccess.txt
                     (Status: 403) [Size: 275]
/.htaccess
                      (Status: 403) [Size: 275]
/.htpasswd.html
                      (Status: 403) [Size: 275]
                      (Status: 301) [Size: 307] [→ http://10.10.85.5/flag/]
/flag
                      (Status: 200) [Size: 31963]
/hide.html
/index.html
                      (Status: 200) [Size: 35308]
                      (Status: 200) [Size: 35308]
(Status: 200) [Size: 10946]
/index.html
/index.ne
/index2.html
/robots.txt
                      (Status: 200) [Size: 50]
/robots.txt
                      (Status: 200) [Size: 50]
                      (Status: 200) [Size: 14]
/secret.txt
                      (Status: 403) [Size: 275]
/server-status
Progress: 13842 / 13845 (99.98%)
Finished
   (psalmmy⊛kali)-[~]
```

from the above, i found two new files which are index2.html and secret.txt. i opened the index2.html page and found my Seventh Flag **{COnf1gur4t10n\_Fl4g}**.



opened the secret.txt page and the Eight flag **{S3cr3t\_Fl4g}** was there waiting for me



The above exercise took a lot of trials and errors which if included in this documentation would make it cumbersome, but it was a wonderful experience and i love every aspect of it, there is another method of getting all the above flags using commands on my Linux machine, but i find the above more interesting as i had to learn outside the box, so i would show you the other method.

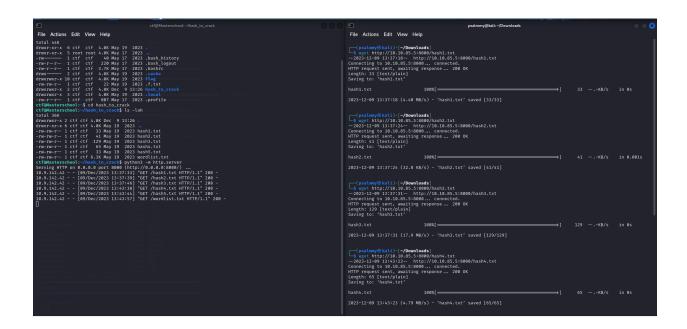
i used the find command to look up html directories, the i cd into the /var/www/html directory, this was where i used the command <a href="Is-lah">Is-lah</a> which showed me all the folders & text i shared earlier

```
罓
File Actions Edit View Help
ctf@Masterschool:/$ find -name "html" -type d 2>/dev/null
./snap/core18/2697/usr/lib/python3.6/html
./snap/core18/2697/usr/share/doc/iptables/html
./snap/core18/2745/usr/lib/python3.6/html
./snap/core18/2745/usr/share/doc/iptables/html
./snap/core20/1822/usr/lib/python3.8/html
./snap/core20/1822/usr/share/doc/iptables/html
./var/www/html
^[[B./usr/lib/python3.8/html
^[[A./usr/share/doc/info/html
./usr/share/doc/iptables/html
ctf@Masterschool:/$ cd /var/www/html
ctf@Masterschool:/var/www/html$ ls -lah
total 100K
drwxr-xr-x 3 root root 4.0K May 17 2023 .
drwxr-xr-x 3 root root 4.0K Mar 3 / 2023 ...
drwxr-xr-x 3 root root 4.0K May 17
                                   2023 flag
-rw-r--r-- 1 root root 32K May 17 2023 hide.html
-rw-r--r-- 1 root root 11K May 17 2023 index2.html
-rw-r--r-- 1 root root 35K May 17
                                   2023 index.html
-rw-r--r-- 1 root root 50 May 17
                                   2023 robots.txt
-rw-r--r-- 1 root root
                        14 May 17 2023 secret.txt
ctf@Masterschool:/var/www/html$
```

# **STEP 8: Hash Cracking**

i navigated to the ctf directory and opened the hash\_to\_crack folder, my hash texts and wordlists are in this folder, but user ctf doesn't have adminsitrative access to install some of the tools which i need to crack the hash. this made me use the command python3 -m http.server to enable me download files from ctf to my machine. i used the wget <a href="http://ctf/paddress:8000/file">http://ctf/paddress:8000/file</a> tobedownloaded on my personal machine.

it can be noted that ctf machine recognized my download attempts and registered my ip address and the documents i was able to retrieve from it's machine.



now that i have all the documents i need on my machine let's go Hashing. first thing i do is get the hash type, i can use various commands like <a hashfile | hashid , echo \$(<hashfile) | hashid | hashid -m \$(cat hashfile) | learning how to do hash identification in three different ways was awesome. from the below i deduced that the hash type is MD5. now i can use john the ripper.

Hash 1:

```
—(psalmmy®kali)-[~/Downloads]
$ cat hash1.txt | hashid
Analyzing '53e06b5830ae3f4d7ebbf0baab22a2d1'
[+] MD2
[+] MD5
[+] MD4
[+] Double MD5
[+] LM
[+] RIPEMD-128
[+] Haval-128
[+] Tiger-128
[+] Skein-256(128)
[+] Skein-512(128)
[+] Lotus Notes/Domino 5
[+] Skype
[+] Snefru-128
[+] NTLM
[+] Domain Cached Credentials
[+] Domain Cached Credentials 2
[+] DNSSEC(NSEC3)
[+] RAdmin v2.x
  -(psalmmy® kali)-[~/Downloads]
```

from the result below the password for for hash1.txt is {C0d3\_0b5cur3r\_Flag} and this is our first hash flag.

```
(psalmmy & Kali) - [~/Downloads]
$ john -- format=raw-md5 -wordlist=/home/psalmmy/Downloads/wordlist.txt hash1.txt
Using default input encoding: UTF-8
Loaded 1 password hash (Raw-MD5 [MD5 128/128 SSE2 4×3])
Warning: no OpenMP support for this hash type, consider -- fork=4
Press 'q' or Ctrl-C to abort, almost any other key for status
C0d3_0b5cur3r_Flag (?)
1g 0:00:00:00 DONE (2023-12-12 13:28) 9.090g/s 1745p/s 1745c/s 1745C/s 7h3_H4ck3r_FL4g..3ncrypt10n_Guru_3xp3rt_Flag
Use the "-- show -- format=Raw-MD5" options to display all of the cracked passwords reliably
Session completed.
```

#### Hash 2:

using the command echo \$(<hashfile) | hashid to analyze the hash type

```
(psalmmy & Kali) - [~/Downloads]
$ john -- format=raw-sha1 -wordlist=/home/psalmmy/Downloads/wordlist.txt hash2.txt
Using default input encoding: UTF-8
Loaded 1 password hash (Raw-SHA1 [SHA1 128/128 SSE2 4x])
Warning: no OpenMP support for this hash type, consider -- fork=4
Press 'q' or Ctrl-C to abort, almost any other key for status
C0d3_5l4y3r_Flag (?)
1g 0:00:00:00 DONE (2023-12-12 13:46) 16.66g/s 3466p/s 3466c/s 3466C/s V1rus_4n4lyst_3xp3rt_Flag..C0d3_5l4y3r_Flag
Use the "-- show -- format=Raw-SHA1" options to display all of the cracked passwords reliably
Session completed.
```

#### my Second hash flag is {C0d3\_5l4y3r\_Flag}

#### Hash 3:

#### Hash 4:

```
__(psalmmy⊛Kali)-[~/Downloads]
_$ cat hash4.txt | hashid
Analyzing 'd1d0f39e3be116c81453d7af22c3623ec555d007cdf77a9813e9647dfcc2cfaa'
[+] Snefru-256
[+] SHA-256
[+] RIPEMD-256
[+] Haval-256
[+] GOST R 34.11-94
[+] GOST CryptoPro S-Box
[+] SHA3-256
[+] Skein-256
[+] Skein-512(256)
  —(psalmmy® Kali)-[~/Downloads]
$ john --format=raw-sha256 -wordlist=/home/psalmmy/Downloads/wordlist.txt hash4.txt
Using default input encoding: UTF-8
Loaded 1 password hash (Raw-SHA256 [SHA256 128/128 SSE2 4x])
Warning: poor OpenMP scalability for this hash type, consider -- fork=4
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
LOCK_Flag (?)
1g 0:00:00:00 DONE (2023-12-12 13:54) 33.33g/s 10000p/s 10000c/s 10000C/s 7h3_H4ck3r_FL4g..C0d3_Fl4g
L0ck_Flag
Use the "--show --format=Raw-SHA256" options to display all of the cracked passwords reliably
Session completed.
```

#### Hash 5:

```
-(psalmmy® Kali)-[~/Downloads]
  -$ cat hash5.txt | hashid
Analyzing 'b9c86725a1c15a6af0e7b595b25b8d3a'
[+] MD2
[+] MD5
[+] MD4
[+] MD4

[+] Double MD5

[+] LM

[+] RIPEMD-128

[+] Haval-128

[+] Tiger-128

[+] Skein-256(128)

[+] Skein-512(128)
[+] Lotus Notes/Domino 5
[+] Skype
[+] Snefru-128
[+] NTLM
[+] Domain Cached Credentials
[+] Domain Cached Credentials 2
[+] DNSSEC(NSEC3)
[+] RAdmin v2.x
  —(psalmmy⊛Kali)-[~/Downloads]
$ john -- format=raw-md5 -wordlist=/home/psalmmy/Downloads/wordlist.txt hash5.txt
Using default input encoding: UTF-8
Loaded 1 password hash (Raw-MD5 [MD5 128/128 SSE2 4×3])
Warning: no OpenMP support for this hash type, consider --fork=4
 Press 'q' or Ctrl-C to abort, almost any other key for status
Gacurity_Flag (?)
S3cur1ty_Flag (?)
1g 0:00:00:00 DONE (2023-12-12 13:55) 20.00g/s 6000p/s 6000c/s 6000C/s R00t_4cc3ss_3xp3rt_Flag..C0d3_Fl4g
Use the "--show --format=Raw-MD5" options to display all of the cracked passwords reliably
Session completed.
    -(psalmmy® Kali)-[~/Downloads]
```