Flip

Hey, do a flip!

```
nc 10.10.199.238 1337
```

```
Welcome! Please login as the admin!
username: admin
admin's password: admin
Leaked ciphertext:
dab57440781dbee1efc2c1d0ea74c4e5bf4732863c95775108694fc75e3171585333fd6e0b061188d
6d2f69b3ba2dad5
enter ciphertext:
```

```
kali@kali: ~  ×      kali@kali: ~/thm/flip  ×
┌──(kali㉿kali)-[~/thm/flip]
└─$ nc 10.10.177.49 1337
Welcome! Please login as the admin!
username: admin
admin's password: admin
Leaked ciphertext: dab57440781dbee1efc2c1d0ea74c4e5bf4732863c95775108694fc75e3171585333fd6e0b061188d6d2f69b3ba2dad5
enter ciphertext: dab57440781dbee1efc2c1d0ea74c4e5bf4732863c95775108694fc75e3171585333fd6e0b061188d6d2f69b3ba2dad5
Flip off!

┌──(kali㉿kali)-[~/thm/flip]
└─$ █
```
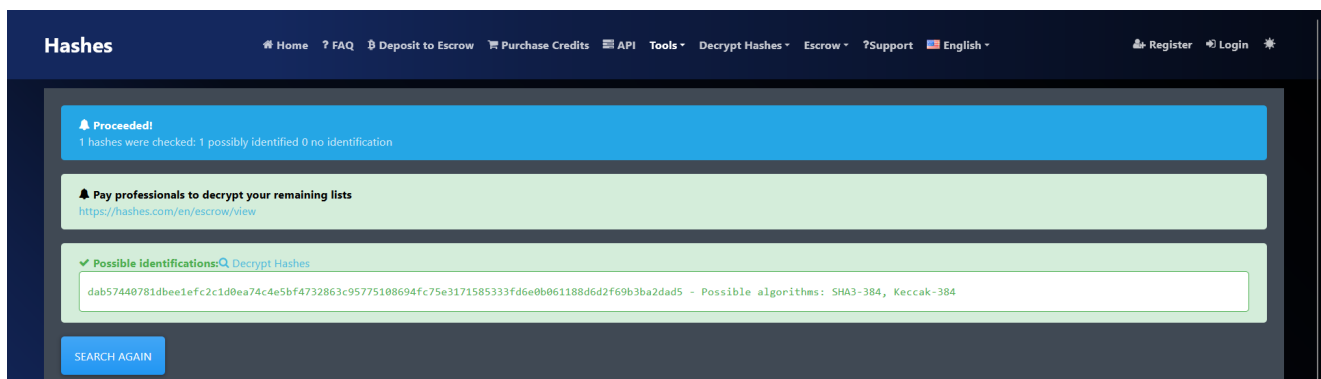
```
┌──(kali㉿kali)-[~/thm/flip]
└─$ hash-identifier dab57440781dbee1efc2c1d0ea74c4e5bf4732863c95775108694fc75e3171585333fd6e0b061188d6d2f69b3ba2dad5
   #########################################################################
   #     _   _           _     _____    _            _   _  __ _             #
   #    | | | |   __ _  / _\  | |  | |   __| |  ___  _ __ | |_(_)/ _(_) ___ _ __#
   #    | |_| |  / _` | \ \   | |  | |  / _` | / _ \| '_ \| __| | |_| |/ _ \ '__#
   #    |  _  | | (_| | _\ \  | |__| | | (_| ||  __/| | | | |_| |  _| |  __/ |  #
   #    |_| |_|  \__,_| \__/  |_____/   \__,_| \___||_| |_|\__|_|_| |_|\___|_|  #
   #                                                              v1.2  #
   #                                                     By Zion3R  #
   #                                             www.Blackploit.com #
   #                                             Root@Blackploit.com #
   #########################################################################

--------------------------------------------------------------------

Possible Hashs:
[+] SHA-384
[+] SHA-384(HMAC)
--------------------------------------------------------------------

HASH: █
```

https://hashes.com/en/tools/hash_identifier

🔔 **Proceeded!**
1 hashes were checked: 1 possibly identified 0 no identification

🔔 **Pay professionals to decrypt your remaining lists**
https://hashes.com/en/escrow/view

✔ **Possible identifications:**🔍 Decrypt Hashes

dab57440781dbee1efc2c1d0ea74c4e5bf4732863c95775108694fc75e3171585333fd6e0b061188d6d2f69b3ba2dad5 - Possible algorithms: SHA3-384, Keccak-384

SEARCH AGAIN


```
┌──(kali㊀kali)-[~/thm/flip]
└─$ nc 10.10.199.238 1337
Welcome! Please login as the admin!
username: admin
admin's password: admin
Leaked ciphertext: ea710512d22bed024ce0220341f3ce722b872513b10a5e67d167b69dc79b07cd77641843017765f9fd3f6c4dd3b8fcb8
enter ciphertext:
Zero-length input cannot be unpadded

┌──(kali㊀kali)-[~/thm/flip]
└─$ echo 'dab57440781dbee1efc2c1d0ea74c4e5bf4732863c95775108694fc75e3171585333fd6e0b061188d6d2f69b3ba2dad5' > ciphertext-sha384.txt

┌──(kali㊀kali)-[~/thm/flip]
└─$ cat ciphertext-sha384.txt
dab57440781dbee1efc2c1d0ea74c4e5bf4732863c95775108694fc75e3171585333fd6e0b061188d6d2f69b3ba2dad5

┌──(kali㊀kali)-[~/thm/flip]
└─$ ▮
```

https://pentestmonkey.net/cheat-sheet/john-the-ripper-hash-formats

```
john --format=raw-sha384 --wordlist=/usr/share/wordlists/rockyou.txt ciphertext-sha384.txt
```

```
john --format=raw-sha384 ciphertext-sha384.txt
```

```
nc 10.10.199.238 1337
```

```
admin&password=sUp3rPaSs1
```



```
┌──(kali㊀kali)-[~/thm/flip]
└─$ nc 10.10.199.238 1337
Welcome! Please login as the admin!
username: admin
admin's password: sUp3rPaSs1
Not that easy :)
Goodbye!

┌──(kali㊀kali)-[~/thm/flip]
└─$ ▮
```

```
nc 10.10.199.238 1337
Welcome! Please login as the admin!
username: admin
admin's password: password
Leaked ciphertext:
```

```
d66e00848bfbcec9bc54a238d405093b2409b999c283f9efe20a0a84b0fec4fbf9d49c3d3a1637f8d
93ac03979ae7526
enter ciphertext: password
Non-hexadecimal digit found
```

Try Hack Me - Flip

https://www.youtube.com/@deejaymustang

```
'access_username=' + username +'&password=' + password
```

```
access_username=admin&password=sUp3rPaSs1
```

16 blocks

```
access_username=
admin&password=s
Up3rPaSs1$$$$$$
```

```
nc 10.10.29.44 1337
```

```
b70247b6dce2548b2272df91945c1dcfe674c3715bdf293878d4969515b7faef53c6e74c09531e0ad
df6aef7950dbc10
```

```
access_username=
admin&password=s
Up3rPaSs1$$$$$$

b70247b6dce2548b2272df91945c1dcf
```

e674c3715bdf293878d4969515b7faef

53c6e74c09531e0addf6aef7950dbc10

THM{FliP_DaT_B1t_oR_G3t_Fl1pP3d}

---

https://tryhackme.com/room/flip

Try Hack Me

Dashboard   Learn   Compete   Other

● Access Machines   23 🔥 🔔   Go Premium

Flip
Hey, do a flip!

👍 105   👎

🖥 Start AttackBox ▾   Help   ⚙   🔖

📈 Chart   🏆 Scoreboard   💬 Discuss   ✏ Writeups   ⓘ More

This is a **free** room, which means anyone can deploy virtual machines in the room (without being subscribed)! 1678 users are in here and this room is 29 days old.

Created by 📷 tryhackme and 📷 hadrian3689

100%

Task 1 ✅ Source Code   🔖 ⌄

First, go ahead and review the source code before moving on to Task 2.

☁ Download Task Files

You can review the source code by clicking on the **Download Task Files** button at the top of this task to download the required file.