

## Lab #4: Mini-CTF (Cat Leak)

- I love cats and my password is something related to cats. I search about it on Google every day. If someone finds the hash, they will know what I search for every day. My friend said a bad actor could get your password if you search it on the internet:
  - (example) `https://securesystem.local:8890/login.php?userId=168&p1crypt=b6ccb4ece5454dca&p1crypt=e51778b3e239ebc2`
  - `https://www.google.com/search?q=%62%36%63%63%62%34%65%63%65%35%34%35%34%64%63%61%65%35%31%37%37%38%62%33%65%32%33%39%65%62%63%32&rlz=1C5CHF`
- If they obtain my password, they still won't be able to crack the hash I trust the developer used **bcrypt**.
- Flag formats : **cryptoCTF{answer\_here}**
- Verify answer(Regex) **`^cryptoCTF\{(?:\x6d\x65\x6f\x77){2}\}$`**

CADT

We have 2 options to solve this Lab.

### 1. Option 01

- Search this URL:  
<https://www.google.com/search?q=%62%36%63%63%62%34%65%63%65%35%34%35%34%64%63%61%65%35%31%37%37%38%62%33%65%32%33%39%65%62%63%32&rlz=1C5CHF>
- The search result shows:

## MD5 Center

MD5 conversion and reverse lookup



## MD5 reverse for b6ccb4ece5454dcae51778b3e239ebc2

The MD5 hash `b6ccb4ece5454dcae51778b3e239ebc2` was successfully reversed into the string [meowmeow](#)

Feel free to provide some other MD5 hashes you would like to try to reverse.

Reverse a MD5 hash

`b6ccb4ece5454dcae51778b3e239ebc2`

X

Reverse

So, the result is **cryptoCTF{meowmeow}**.

## 2. Option 02

- Verify the string using this regular expression:
- After verification, we get:

| Tools             |   |
|-------------------|---|
| <code>\x6d</code> | Escaped character. Matches a "m" character (char code 109). |
| <code>\x65</code> | Escaped character. Matches a "e" character (char code 101). |
| <code>\x6f</code> | Escaped character. Matches a "o" character (char code 111). |
| <code>\x77</code> | Escaped character. Matches a "w" character (char code 119). |

So, the result is `cryptoCTF{meowmeow}`.