

Credentials Writeup

Challenge 85 Solves X

Credentials

50

Easy

We found a leak of a blackmarket website's login credentials. Can you find the password of the user osman and successfully decrypt it?

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▼ Unlock Hint for 0 points

The first user in user.txt corresponds to the first password in passwords.txt

Leak_stuff....

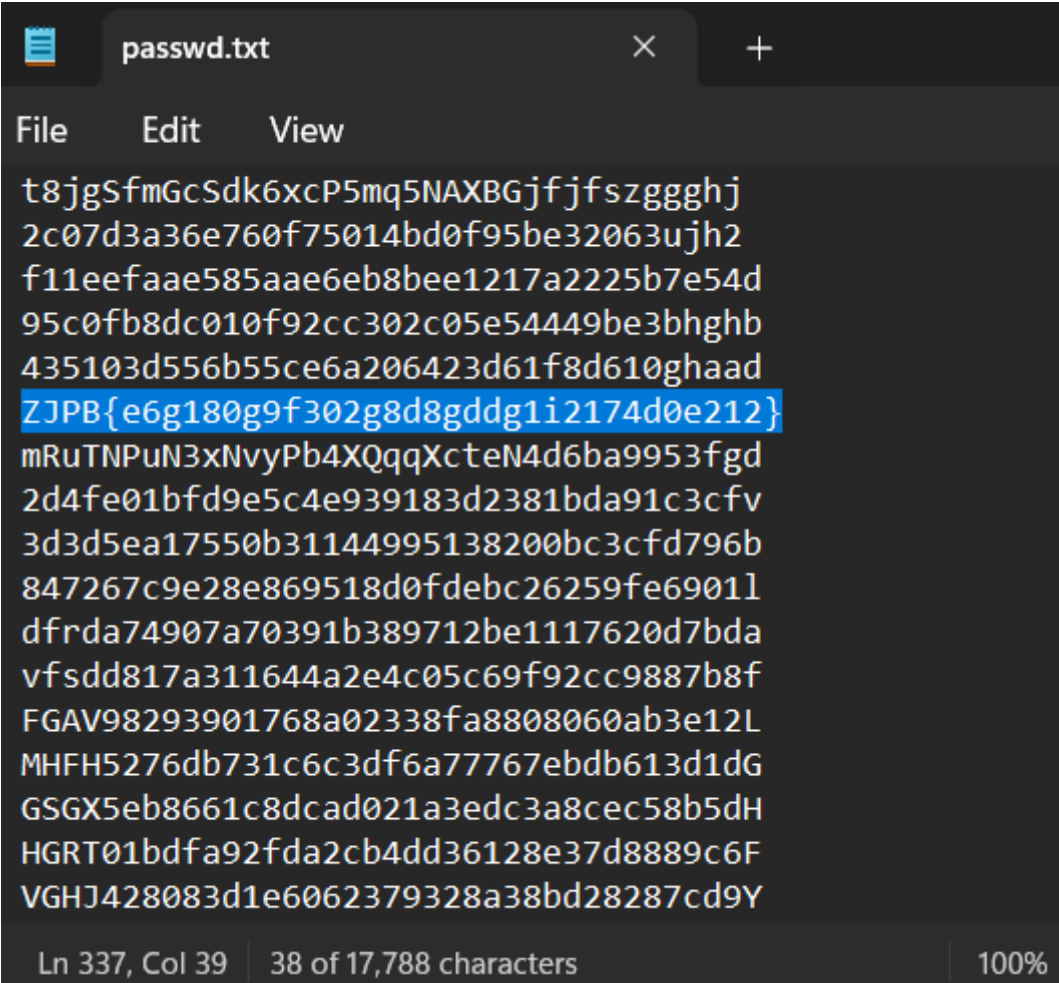
Flag Submit

This challenge asks us to retrieve the password for the user osman. Given the user.txt and passwd.txt file

```
File Edit View
save
directorbasmati
hello
wancardigan
easy1
easy2
lastminute
notadmin
whiterose
humburgerfound
razak
abuya
rapael
osman
admin1
admin2
user1
```

Ln 337, Col 6 | 5 of 6,809 characters | 100% | Windows (CRLF) | UTF-

We found out that osman credentials is in line 337, so usually osman's password will be the same line as his username.



```
File Edit View
t8jgSfmGcSdk6xcP5mq5NAXBGjffjszggghj
2c07d3a36e760f75014bd0f95be32063ujh2
f11eefaae585aae6eb8bee1217a2225b7e54d
95c0fb8dc010f92cc302c05e54449be3bhghb
435103d556b55ce6a206423d61f8d610ghaad
ZJPB{e6g180g9f302g8d8gddg1i2174d0e212}
mRuTNPuN3xNvyPb4XQqqXcteN4d6ba9953fgd
2d4fe01bfd9e5c4e939183d2381bda91c3cfv
3d3d5ea17550b31144995138200bc3cfd796b
847267c9e28e869518d0fdebc26259fe6901l
dfrda74907a70391b389712be1117620d7bda
vfsdd817a311644a2e4c05c69f92cc9887b8f
FGAV98293901768a02338fa8808060ab3e12L
MHFH5276db731c6c3df6a77767ebdb613d1dG
GSGX5eb8661c8dcad021a3edc3a8cec58b5dH
HGRT01bdfa92fda2cb4dd36128e37d8889c6F
VGHJ428083d1e6062379328a38bd28287cd9Y

Ln 337, Col 39 | 38 of 17,788 characters | 100%
```


Then, just go to any online cipher decryptor. I personally use dcode.

Based on the ciphertext, I assume it to adopt the shift cipher algorithm.

ChatGPT x Shift Cipher - Online Decoder, E x +

dcode.fr/shift-cipher

Apps | eBwise | CLIC | EZO | Dashboard | Youtube | Twitch | Google Images >>



SHIFT CIPHER
Cryptography > Substitution Cipher > Shift Cipher

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Feedback

Search for a tool

★ SEARCH A TOOL ON DCODE BY KEYWORDS:
e.g. type 'boolean'

★ BROWSE THE FULL DCODE TOOLS' LIST

Results

↑↓	↑↓
(2,3)/3n	XHNY{b6d180e9d302e8a8dabe1g2174a0b212}
(1,1,2,3,5,8,...)/3n	YIOA{d6f180e9d302e8a8dayb1d2174v0w212}
(+18)/c	HRXJ{m6o180o9n302o818o1lo1q2174l0m212}
(-8,8)/w	HRXJ{m6o180o9n302o818o1lo1q2174l0m212}
(-2,2)/5n	BLRD{g6e180e9d302e8b8iffi1k2174b0c212}
(1,2,5)/5n	YIOA{d6e180e9d302e8b8byyb1d2174c0d212}
(1,2,3)/5n	YIOA{d6e180e9d302e8b8daad1f2174c0d212}
(1,2,3,...)/5n	YIOA{d6e180e9d302e8b8daad1f2174z0a212}
(-1,-3,-5)/c	AMUC{h6l180h9i302l8e8jiej1n2174e0h212}
(+2)/c	XHNZ{c6e180e9d302e8b8

SUCCESSIVE SHIFTS DECODER

★ MULTIPLE SHIFTED CIPHERTEXT (?)
ZJPB{e6g180g9f302g8d8gddgi2174d0e212}

★ ALPHABET ABCDEFGHIJKLMNOPQRSTUVWXYZ

SHIFT TYPE TO APPLY

☒ AUTOMATIC DETECTION (BRUTEFORCE) (?)

☐ BASIC UNIQUE SHIFT (CAESAR CODE +N) OF: 3

☐ MULTIPLE SHIFTING FOLLOWING THE NUMBER SEQUENCE (.,.,...) IN LOOP:
1,2,3

☐ PROGRESSIVE SHIFTING OF N: (1N,2N,3N,...) N= 1
★ START AT 0: (0N,1N,2N,3N,...) ☐

☐ ALTERNATE SHIFTING (+N,-N) N= 1

CHANGE OF SHIFT

☒ AUTOMATIC DETECTION (BRUTEFORCE) (?)

☐ EACH CHARACTER (/C)

☐ EACH WORD (/W)

☐ EVERY N CHARACTERS (/N), N= 3

▶ DECRYPT

Next, just search the identical format as wgmy{flag_here}.

(+3)/c WGMY{b6d180d9c302d8a8daad1f2174a0b212}

Flag: WGMY{b6d180d9c302d8a8daad1f2174a0b212}