CHALLENGE: Code Book Of Bases

CATEGORY: Crypto

AUTHOR: 0xsakthi

LEVEL: EASY

Code Book Of Bases

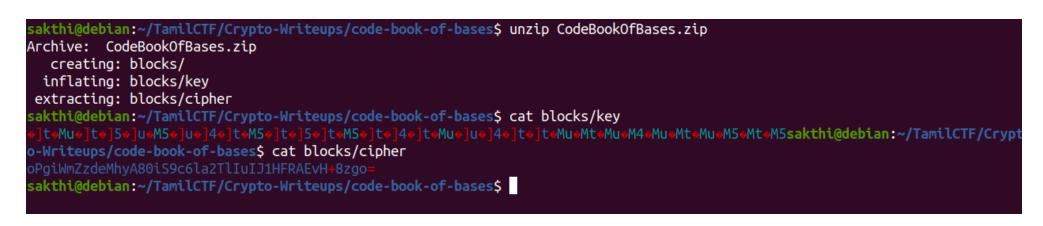
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Blocks and Blocks of data in Cipher Books

AUTHOR Sakthi

Decode the cipher

Flag



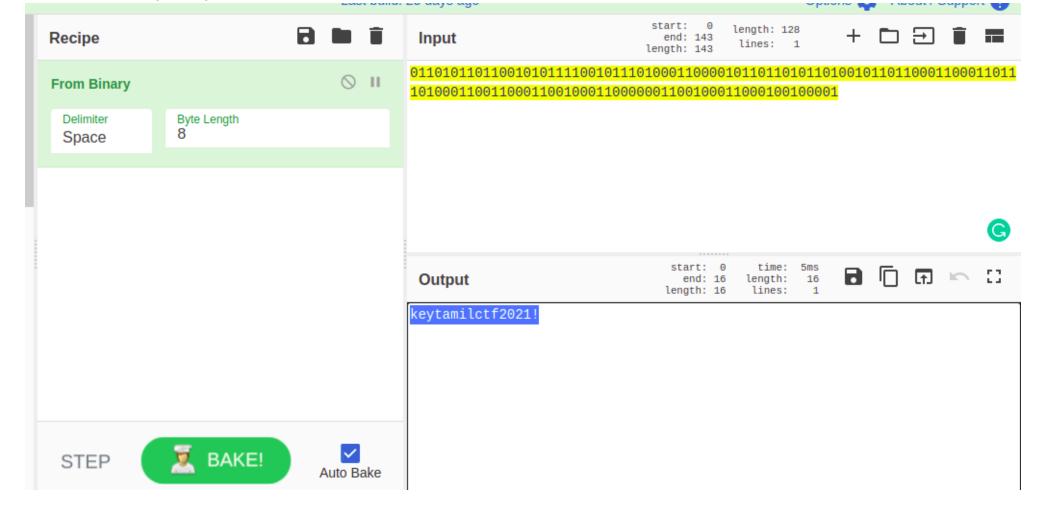
Title(Code book) directly refers its a Electronic Code Book(one of the aes algorithm)ECB

We have cipher where is the key?(the key looks like unknown bytes)

Booom!

when iam encrypted the key(unknown bytes) via base64 it will returned a binary values :)

Decode the binary via cyberchef!



now we have a key

Decoding AES-ECB

flag.py

```
from Crypto . Cipher import AES
import base64
with open('cipher') as sa :
    ciphertext = base64.b64decode(sa.read())
key = b'keytamilctf2021!'
cipher = AES.new(key ,AES.MODE_ECB )
plaintext = cipher.decrypt( ciphertext )
print(plaintext)
```

Flag

TamilCTF{bL0ckS_ar3_Br34kabL3!!}

First Blood : Cyberlandsholdet