

From the title we get the hint we will be dealing with base64 in some form. When we open the website, we see we get a nonce, a ciphertext and a key. But what is the cipher? If we try aes, it tells us the iv is the wrong length, so we need to get creative. Do we get any hints anywhere?

Well, we get a lot of references/jokes about Cuba, dancing, amigo... so, two candidate ciphers come to mind: Salsa20 and ChaCha20. It turns out it's the latter, probably because of the whole dancing gag.

```
import base64
from Crypto.Cipher import ChaCha20
data = {
    "nonce": "C5qYGmTWZls=",
    "ciphertext":
    "BFwKtd4mJV9bb9Ase8X7R8wdoHXKUu09y8OnJya8QKULTmo4YDzbG720IVlnx0BFH4eo3mQNogPgp2tt
    AkYA0r1sxjAu",
    "key": "Fidel_Alejandro_Castro_Ruz_Cuba!"
}
key = data["key"].encode('utf-8')
nonce = base64.b64decode(data["nonce"])
ciphertext = base64.b64decode(data["ciphertext"])
cipher = ChaCha20.new(key=key[:32], nonce=nonce)
decrypted_data = cipher.decrypt(ciphertext)
print(decrypted_data.decode('utf-8'))
```

And just like that, we got the flag.



Made with love by: AndreiCat