

Medium Reverse Engineering picoCTF 2022

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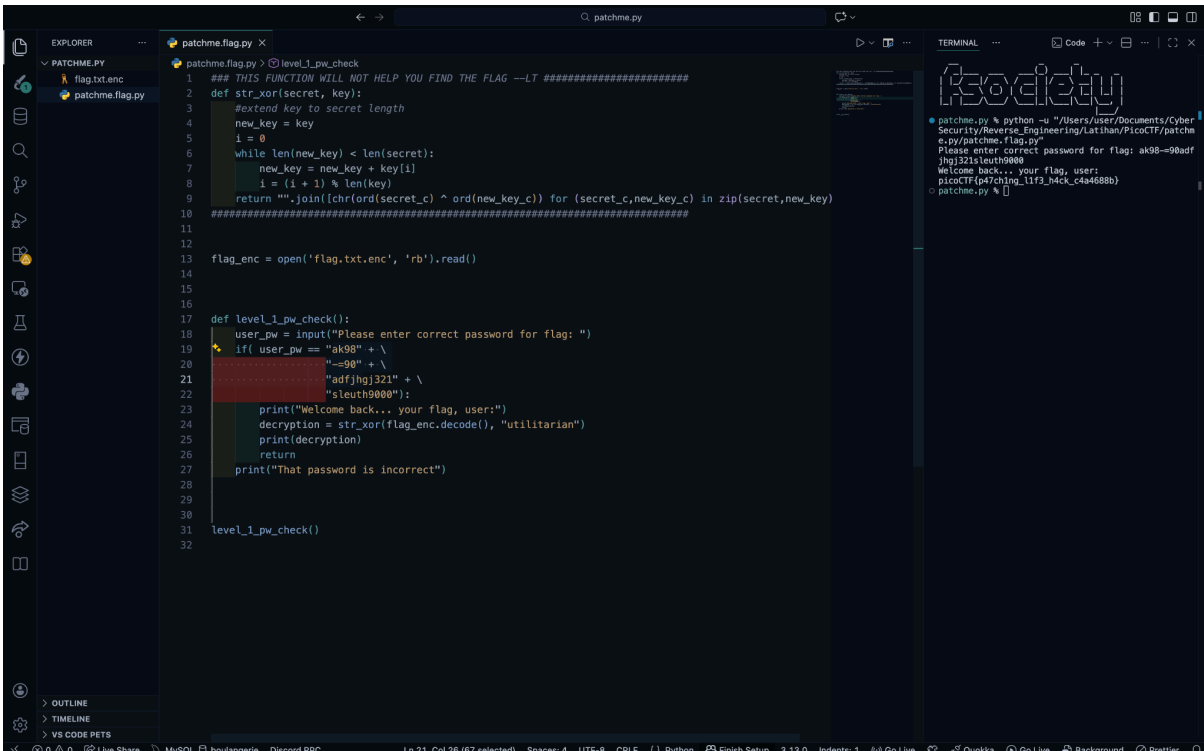
Hints 

Description

(None)

Can you get the flag?

Run this [Python program](#) in the same directory as this [encrypted flag](#).



```
1  ## THIS FUNCTION WILL NOT HELP YOU FIND THE FLAG --LT #####
2  def str_xor(secret, key):
3      #extend key to secret length
4      new_key = key
5      i = 0
6      while len(new_key) < len(secret):
7          new_key = new_key + key[i]
8          i = (i + 1) % len(key)
9      return "".join([chr(ord(secret_c) ^ ord(new_key_c)) for (secret_c,new_key_c) in zip(secret,new_key)
10     #####
11
12
13  flag_enc = open('flag.txt.enc', 'rb').read()
14
15
16
17  def level_1_pw_check():
18      user_pw = input("Please enter correct password for flag: ")
19      if (user_pw == "ak98" + \
20          "=-98" + \
21          "adfjhgj321" + \
22          "sleuth9000"):
23          print("Welcome back... your flag, user:")
24          decryption = str_xor(flag_enc.decode(), "utilitarian")
25          print(decryption)
26          return
27          print("That password is incorrect")
28
29
30
31  level_1_pw_check()
32
```

```
patchme.py % python -u "/Users/user/Documents/Cyber
Security/Reverse_Engineering/Latihan/picoCTF/patch
e.py/patchme_flag.py"
Please enter correct password for flag: ak98--90adf
jhgj321sleuth9000
Welcome back... your flag, user:
picoCTF{p47ch1ng_l1f3_h4ck_c4a4688b}
patchme.py %
```

Solusinya tinggal di running trus ikutin string password trus dimasukkan passwordnya.

Flag = picoCTF{p47ch1ng_l1f3_h4ck_c4a4688b}