



fixme2.py

fixme2.py 

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Tags: Beginner picoMini 2022 General Skills Python

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Hints 

Description

Fix the syntax error in the Python script to print the flag.

[Download Python script](#)

1 2 3 4

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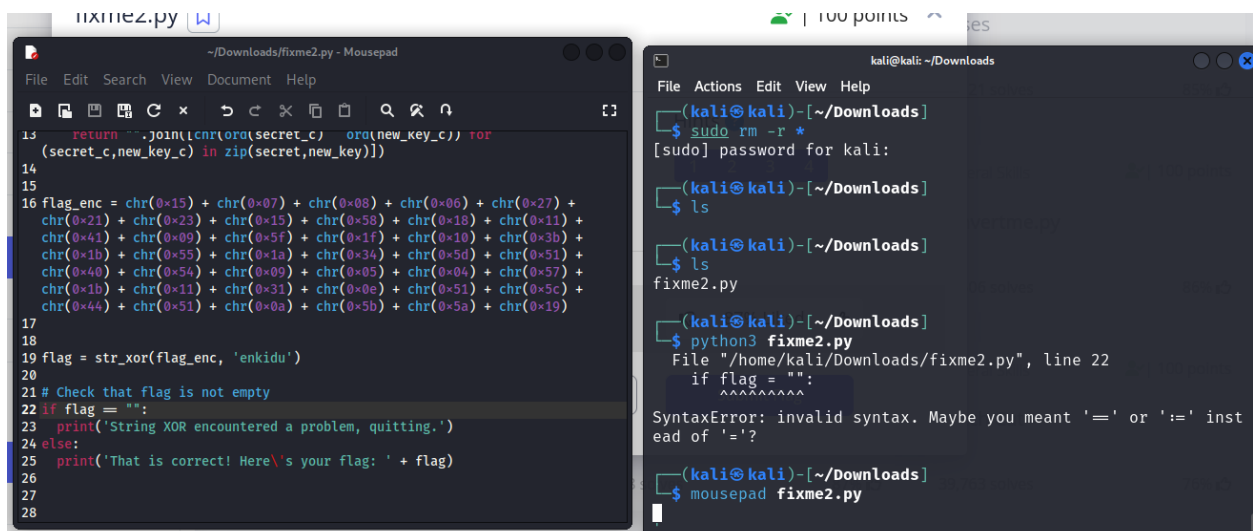
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 picoCTF{FLAG}

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[fixme2.py](#) challenge

In this challenge there seems to be another python scripting syntax problem



```
fixme2.py
13 return ''.join([chr(ord(secret_c) ^ ord(new_key_c)) for (secret_c, new_key_c) in zip(secret, new_key)])
14
15
16 flag_enc = chr(0x15) + chr(0x07) + chr(0x08) + chr(0x06) + chr(0x27) +
chr(0x21) + chr(0x23) + chr(0x15) + chr(0x58) + chr(0x18) + chr(0x11) +
chr(0x41) + chr(0x09) + chr(0x5f) + chr(0x1f) + chr(0x10) + chr(0x3b) +
chr(0x1b) + chr(0x55) + chr(0x1a) + chr(0x34) + chr(0x5d) + chr(0x51) +
chr(0x40) + chr(0x54) + chr(0x09) + chr(0x05) + chr(0x04) + chr(0x57) +
chr(0x1b) + chr(0x11) + chr(0x31) + chr(0x0e) + chr(0x51) + chr(0x5c) +
chr(0x44) + chr(0x51) + chr(0x08) + chr(0x5b) + chr(0x5a) + chr(0x19)
17
18
19 flag = str_xor(flag_enc, 'enkidu')
20
21 # Check that flag is not empty
22 if flag == "":
23     print('String XOR encountered a problem, quitting.')
24 else:
25     print('That is correct! Here\'s your flag: ' + flag)
26
27
28
```

```
kali@kali: ~/Downloads
$ sudo rm -r *
[sudo] password for kali:
(kali@kali)~/Downloads
$ ls
(kali@kali)~/Downloads
$ ls
fixme2.py
(kali@kali)~/Downloads
$ python3 fixme2.py
File "/home/kali/Downloads/fixme2.py", line 22
    if flag == "":
        ^^^^^^^^^
SyntaxError: invalid syntax. Maybe you meant '=' or '!=' instead of '=='?
(kali@kali)~/Downloads
$ mousepad fixme2.py
```

This time relating to the operator used for if condition in line 22. It should be ==

```
kali@kali: ~/Downloads
File Actions Edit View Help
└─$ ls
fixme2.py

(kali@kali)-[~/Downloads]
└─$ python3 fixme2.py
File "/home/kali/Downloads/fixme2.py", line 22
    if flag = "":
        ^^^^^^^
SyntaxError: invalid syntax. Maybe you meant '=' or '==' instead of '='?

(kali@kali)-[~/Downloads]
└─$ mousepad fixme2.py
^S^C

(kali@kali)-[~/Downloads]
└─$ python3 fixme2.py
That is correct! Here's your flag: picoCTF{3qu4l1ty_n0t_4551gnm3nt_e8814d03}

(kali@kali)-[~/Downloads]
└─$
```