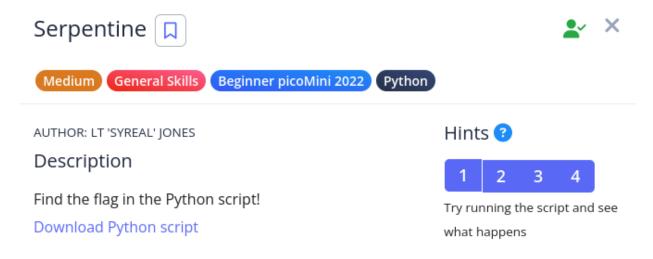
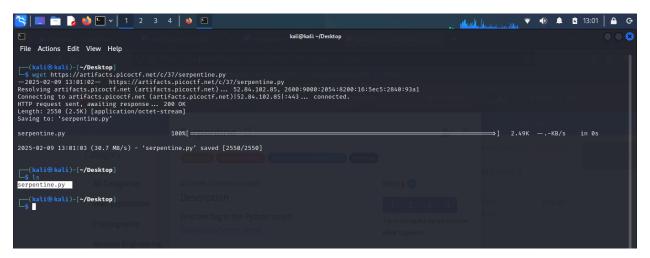
LinkedIn: Kelvin Kimotho

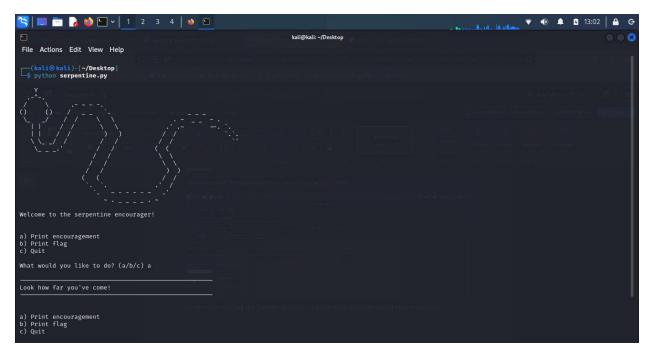


Solution

I downloaded the given python script using wget tool.



I then tried running the python script on my machine to understand how it worked. Option one printed out an encouragement statement.



The print flag option didn't print the flag as i expected but the exit option worked just like the first option.

```
a) Print encouragement
b) Print flag
c) Quit

What would you like to do? (a/b/c) b

Dops! I must have misplaced the print_flag function! Check my source code!

a) Print encouragement
b) Print flag
c) Quit

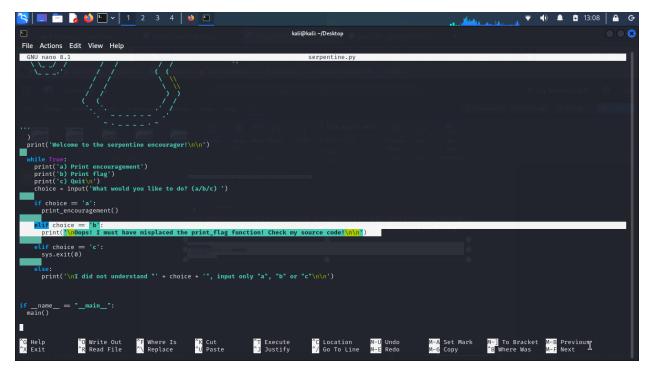
What would you like to do? (a/b/c) c

[(kali@kali)-[-/Desktop]
```

I went ahead examining the source code to understand the logic used to print out the flag. I discovered a function named print_flag() which was responsible for printing out the flag.

```
def print_flag():
   flag = str_xor(flag_enc, "enkidu")
   print(flag)
```

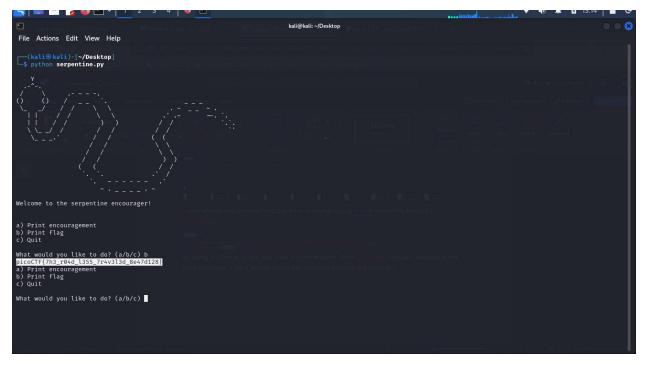
The only problem was that the print_flag() function was never called and thats why the flag was not being printed as expected.



I went ahead and commented the error message using # and called the function print_flag().

```
elif choice = 'b':
##rint('\n0ops! I must have misplaced the print_flag function! Check my source code!\n\n')
print_flag()
```

By doing so, The program will print out the returns of the print_flag function instead of the error message. I went ahead saved the changes and run the program.



And that's how i captured the flag picoCTF{7h3_r04d_l355_7r4v3l3d_8e47d128}.