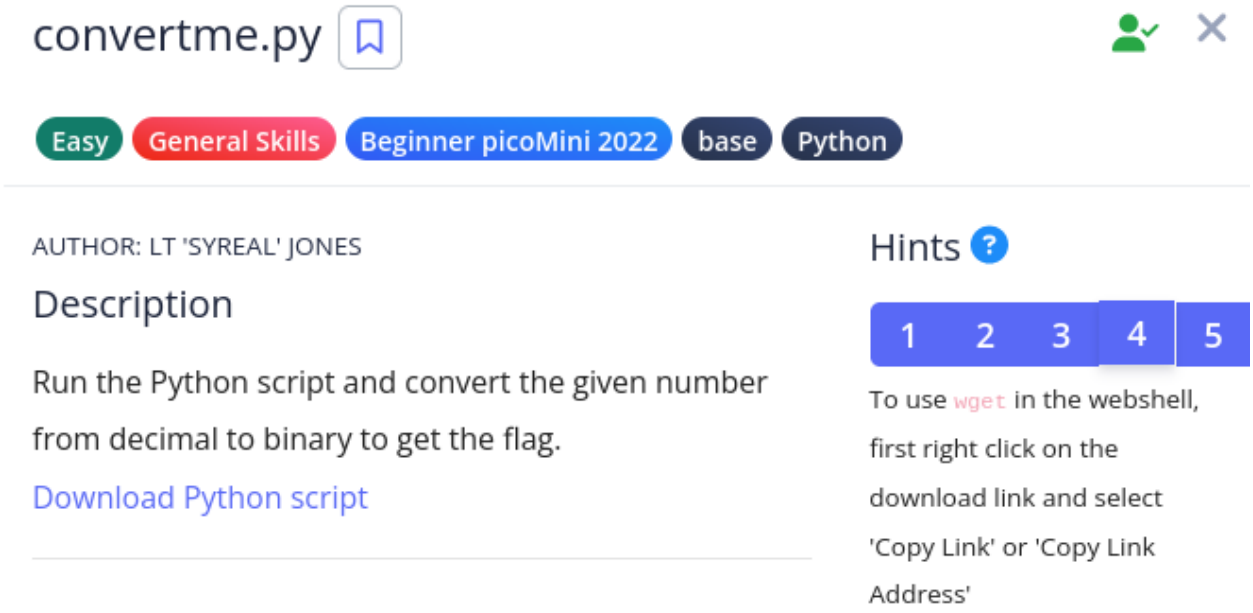
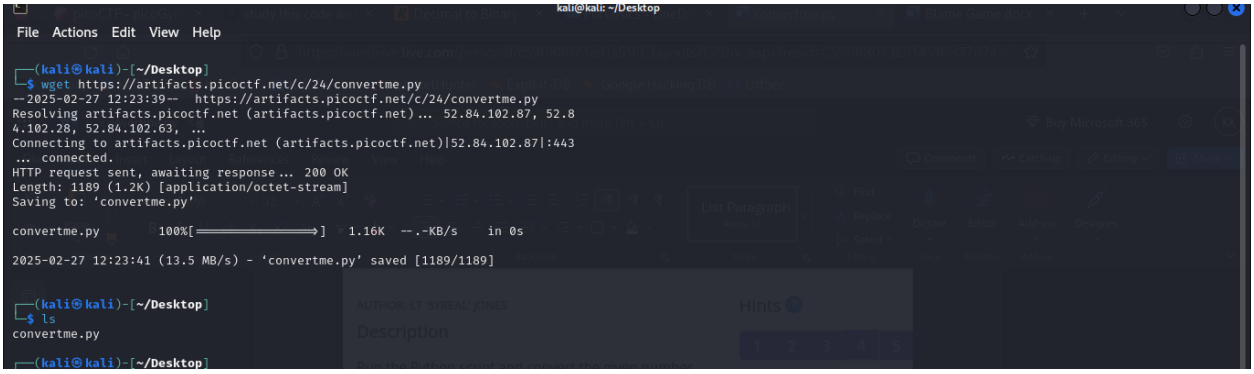
LinkedIn: [Kelvin Kimotho]

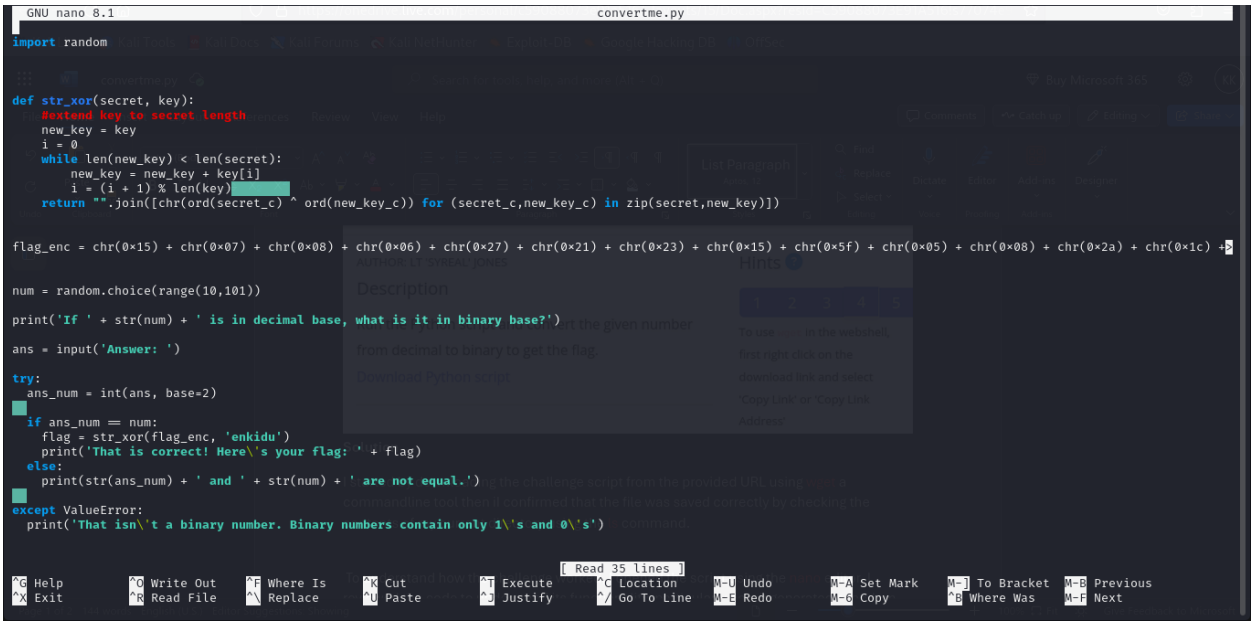


Solution

I started by downloading the challenge script from the provided URL using wget a commandline tool then iI confirmed that the file was saved correctly by checking the contents of my current directory using the ls command.



To understand how the challenge worked, I opened the script using the nano editor. I reviewed the code to understand its functionality, particularly how it generated a random number and required me to convert that number from decimal to binary.



I then executed the script to see the random number it generated. The output displayed a prompt asking me to convert a decimal number to binary.

I converted the decimal number (in this case, 78) to its binary representation using a free online convertor.

I then entered the binary representation and the script confirmed that my answer was correct and revealed the flag picoCTF{4ll_y0ur_b4535_722f6b39}.