Introduction to Capture The Flag (CTF)

Hands-On Cybersecurity with picoCTF

TEH LIANG CHEN

What is Capture The Flag (CTF)?

- A competition where participants solve cybersecurity challenges to find hidden information known as "flags." flag{F1N6_M3}
- Challenges are designed to simulate real-world security problems
- Develop practical skills for cybersecurity and problem-solving, making it a fun and effective learning experience

Forensics

Binary Exploitation

Reverse Engineering

Web Exploitation

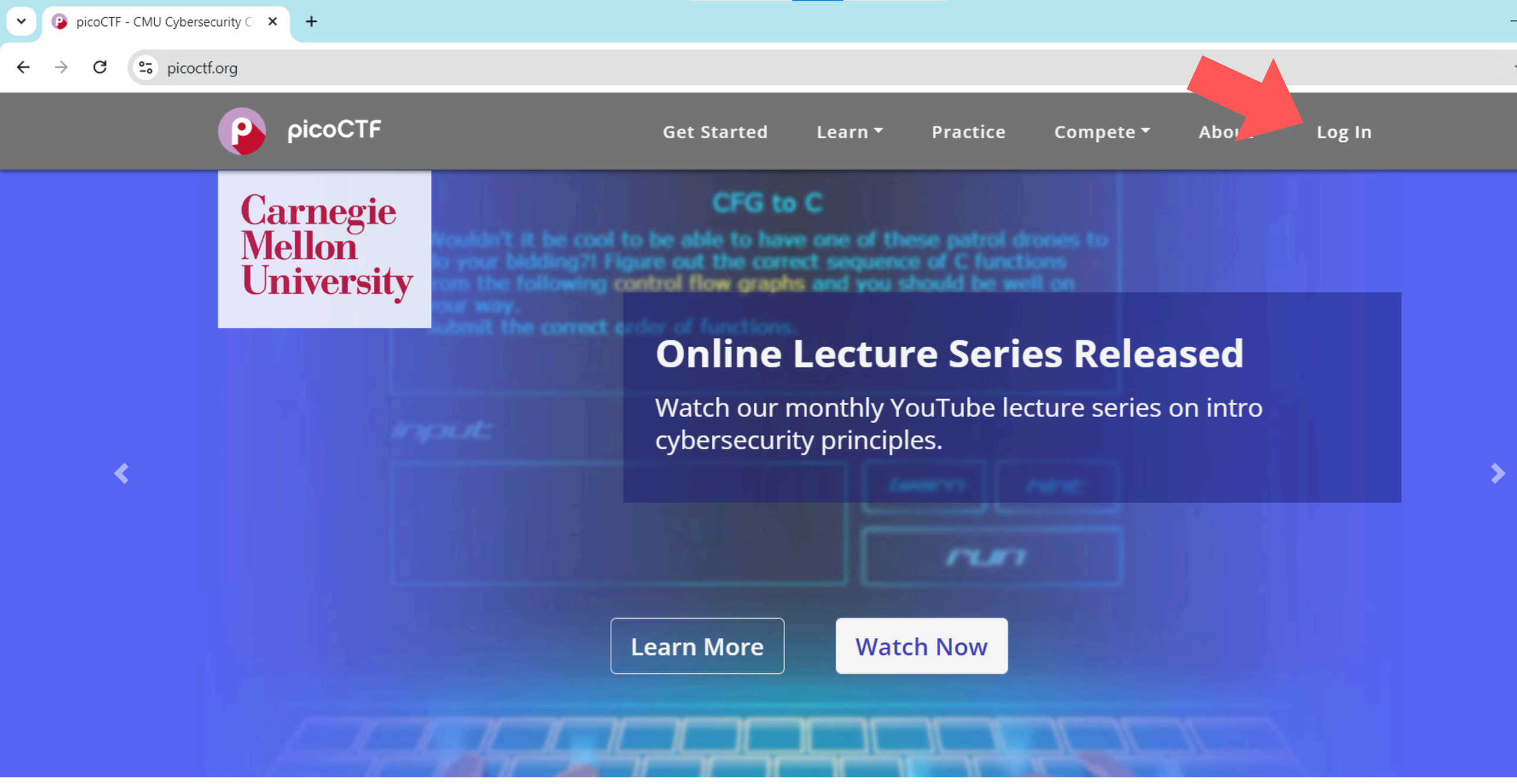
Free
Online Platform

Beginner
Friendly

picoCTF

Wide Range
Categories

Online
Writeups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School / Organization Name (optional)

University of Malaya

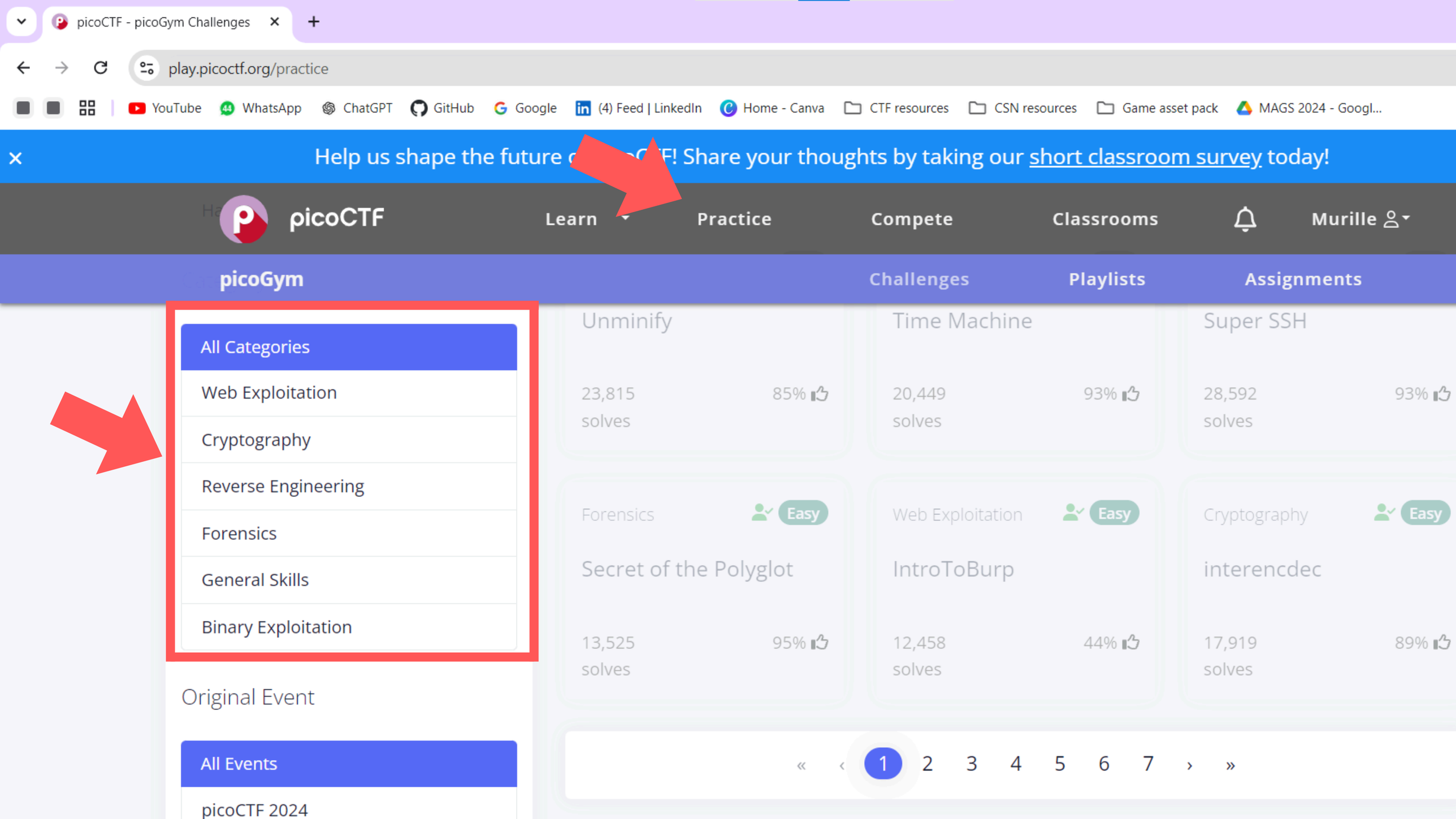
Which gender identity do you most identify with?

Male

With which of these groups do you identify? (optional)

- [ ] White
- [ ] Hispanic, Latino, or Spanish
- [ ] Black or African American
- [x] Asian
- [ ] American Indian or Alaska Native
- [ ] Middle Eastern or North African
- [ ] Native Hawaiian or other Pacific Islander

Sign Up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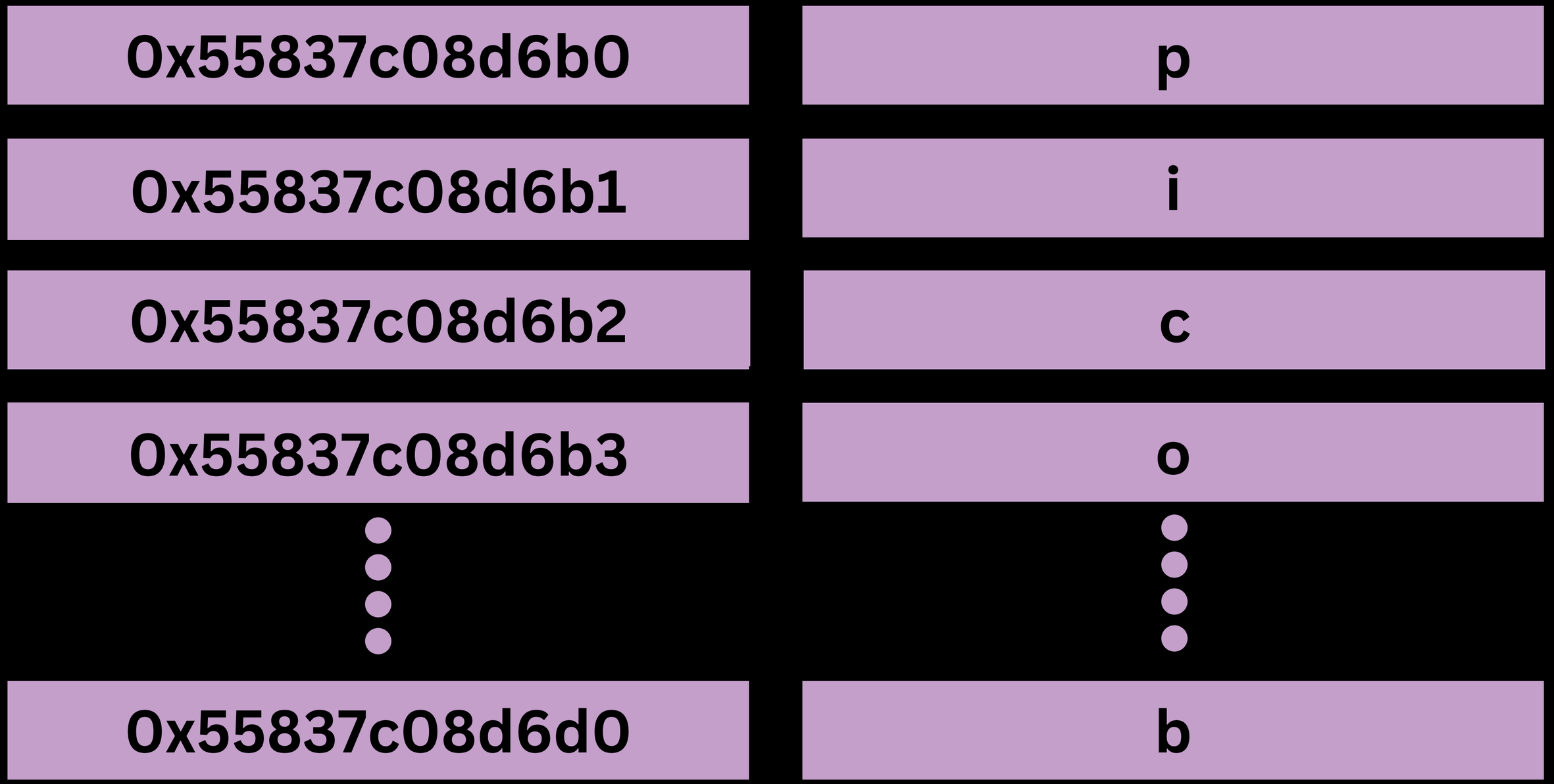
All Categories
Web Exploitation
Cryptography
Reverse Engineering
Forensics
General Skills
Binary Exploitation
Original Event
All Events
picoCTF 2024
Unminify
23,815 solves
85%
Time Machine
20,449 solves
93%
Super SSH
28,592 solves
93%
Forensics
Easy
Secret of the Polyglot
13,525 solves
95%
Web Exploitation
Easy
IntroToBurp
12,458 solves
44%
Cryptography
Easy
interencdec
17,919 solves
89%
« ‹ 1 2 3 4 5 6 7 › »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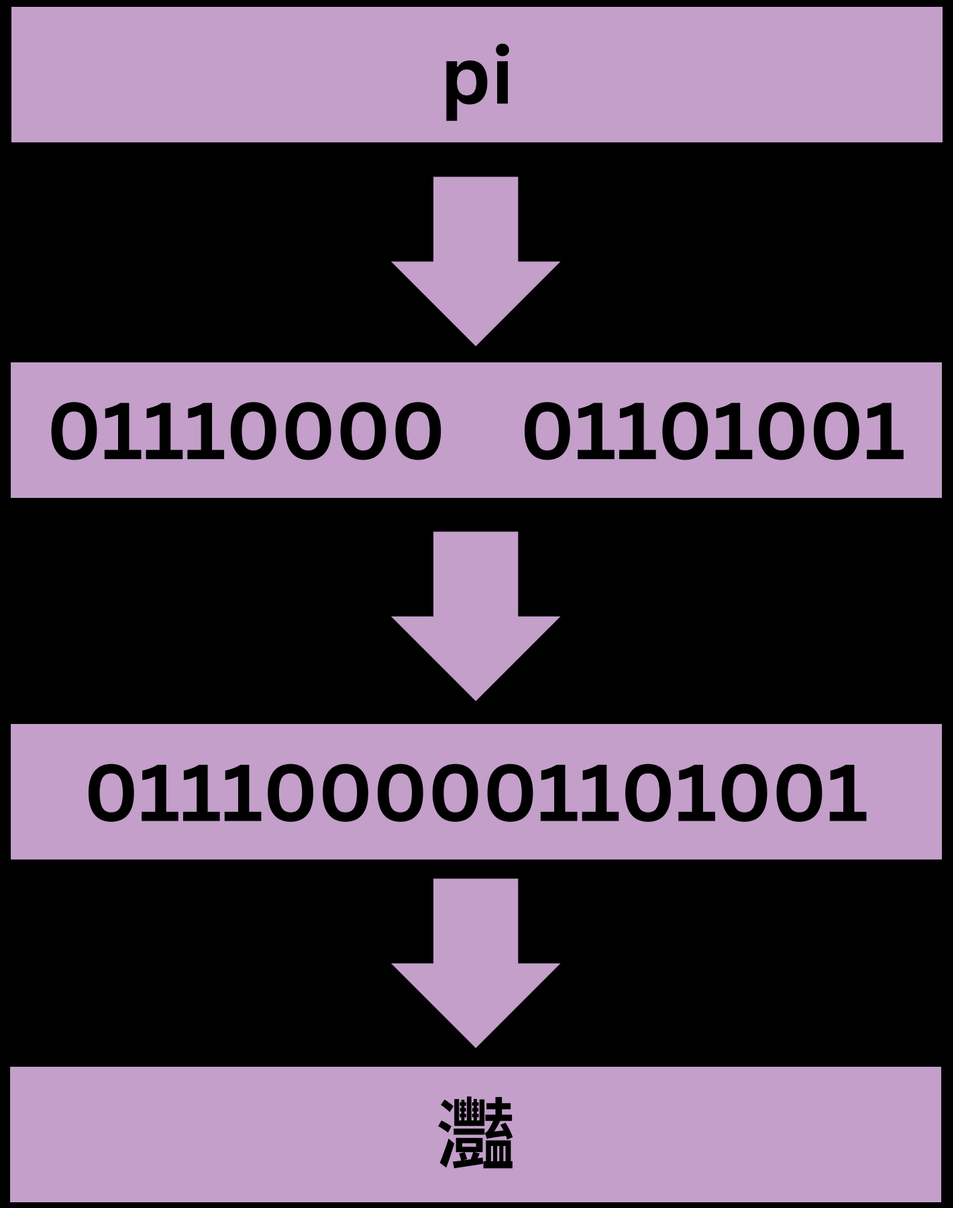
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0111000001101001
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Flag		
No.	Character	Hex
1	a	0x41
2	b	0x42
3	c	0x43

SELECT character FROM flag ;

Dreamhack

Root Me

Try Hack Me

HACKTHEBOX

pwn.college

LIVEOVERFLOW YOUTUBE

JOHN HAMMOND YOUTUBE

Feedback Form

Photography Session

LINUX WORKSHOP

Thank You