沙田培英中學
Shatin Pui Ying College

構建安全與創新並進的智慧校園

CTF競賽、Cyber Range 與AI時代的網絡安全課程

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從
創新科技
說起

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Reploy

Repl — short for *REPL* (Read–Eval–Print Loop), the interactive environment where you write and run code instantly.

Deploy — publish your work so anyone in the world can open it in a browser.

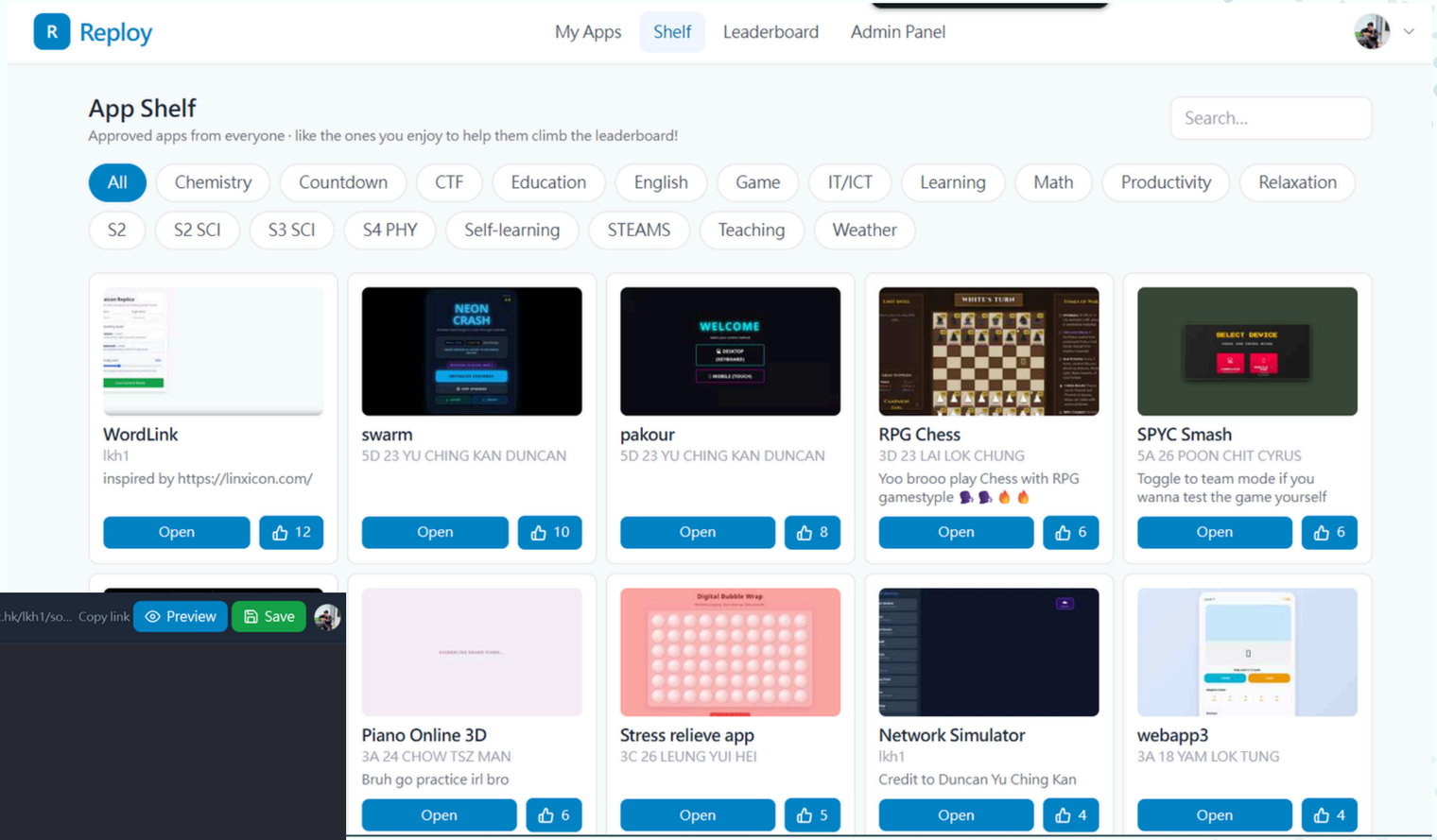
Reploy bridges the two: write your HTML, hit save, and your app is live — no servers, no config, no waiting.

- ✦ Paste LLM-generated HTML and share it in seconds
- ✦ Edit live in the browser with syntax highlighting
- ✦ Every app gets a permanent public link

Sign in with School Google Account

Only @school.pyc.edu.hk accounts are allowed





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這樣
安全嗎？

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ROOM CODE:

FM

SELECT CHARACTER

LO MR. LO (PHYSICS)
DMG DEF

LE MR. LEUNG (ICT)
DMG SPD

LA MR. LAM (CHEM)
DMG RNG

NG MR. NG (GEOG)
DMG AOE

TS MS. TSUI (CHI)
DEF RNG

LI MS. LEE (H.ECO / BIO)
DEF ATK

ML MR. LEE (MATH / DISCIPLINE)
DMG ARC

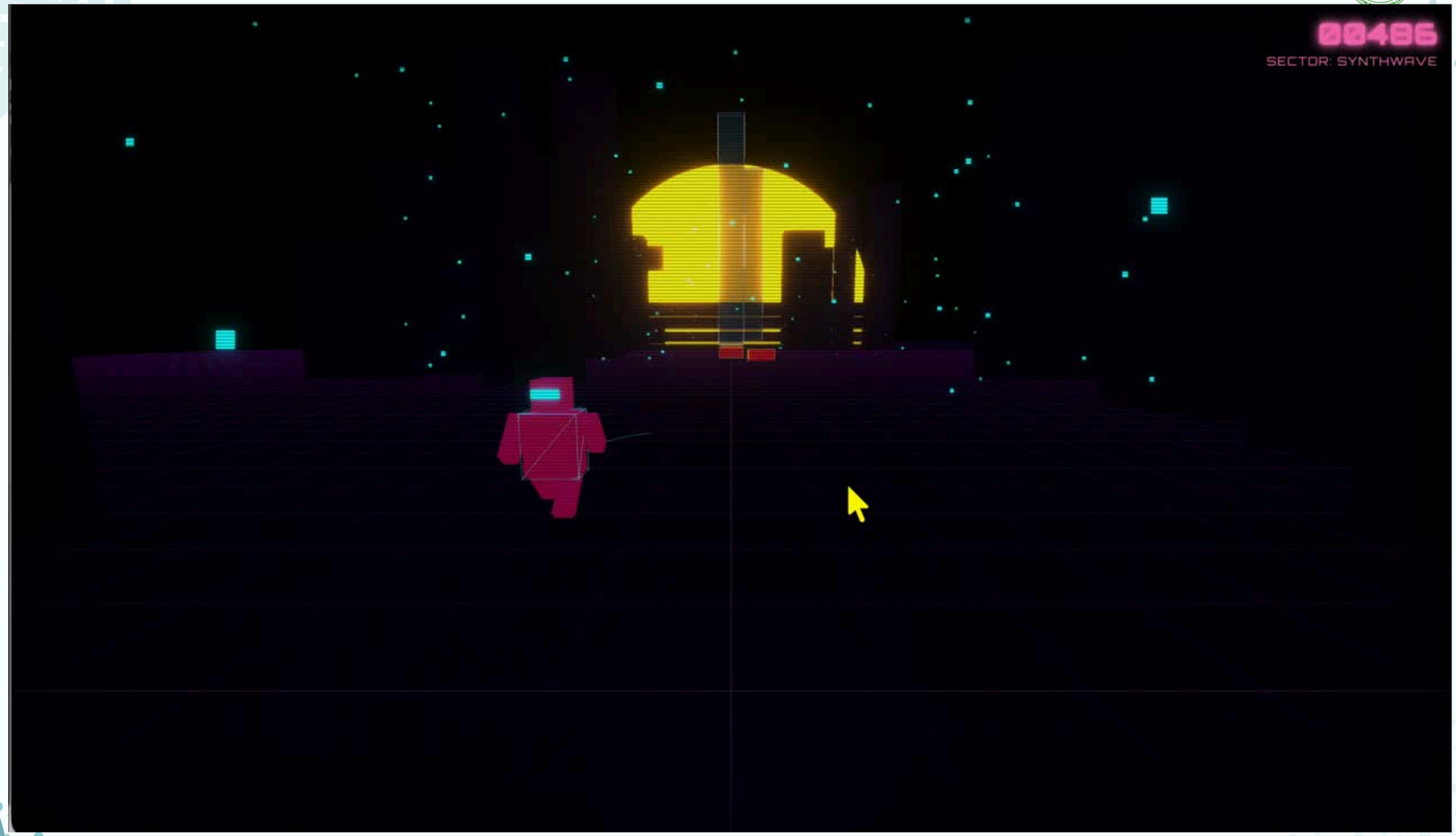
CONTROLS:
WASD Movement
← Atk ↓ Skill 1
→ Skill 2 ↑ Special
Ms Tsui: S Dash
Ms Lee: S Pan Block (timed)

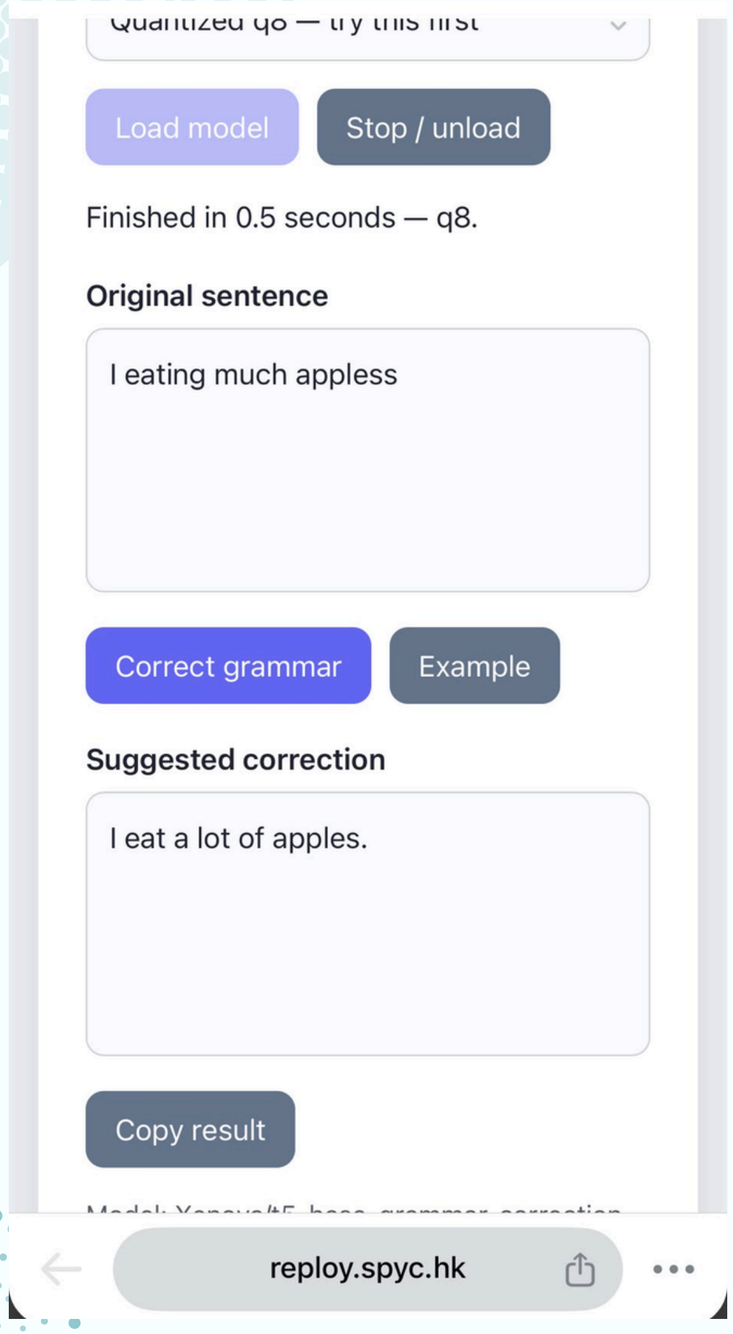
Mr. Leung

ICT Teacher - Assassin



ATTACK (): Arrow Left
SKILL1 (): Arrow Down
SKILL2 (): Arrow Right
SPECIAL (): Arrow Up


00486
SECTOR: SYNTHWAVE



https://reploy.spyc.hk/lkh1/t5-grammar

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守護安全

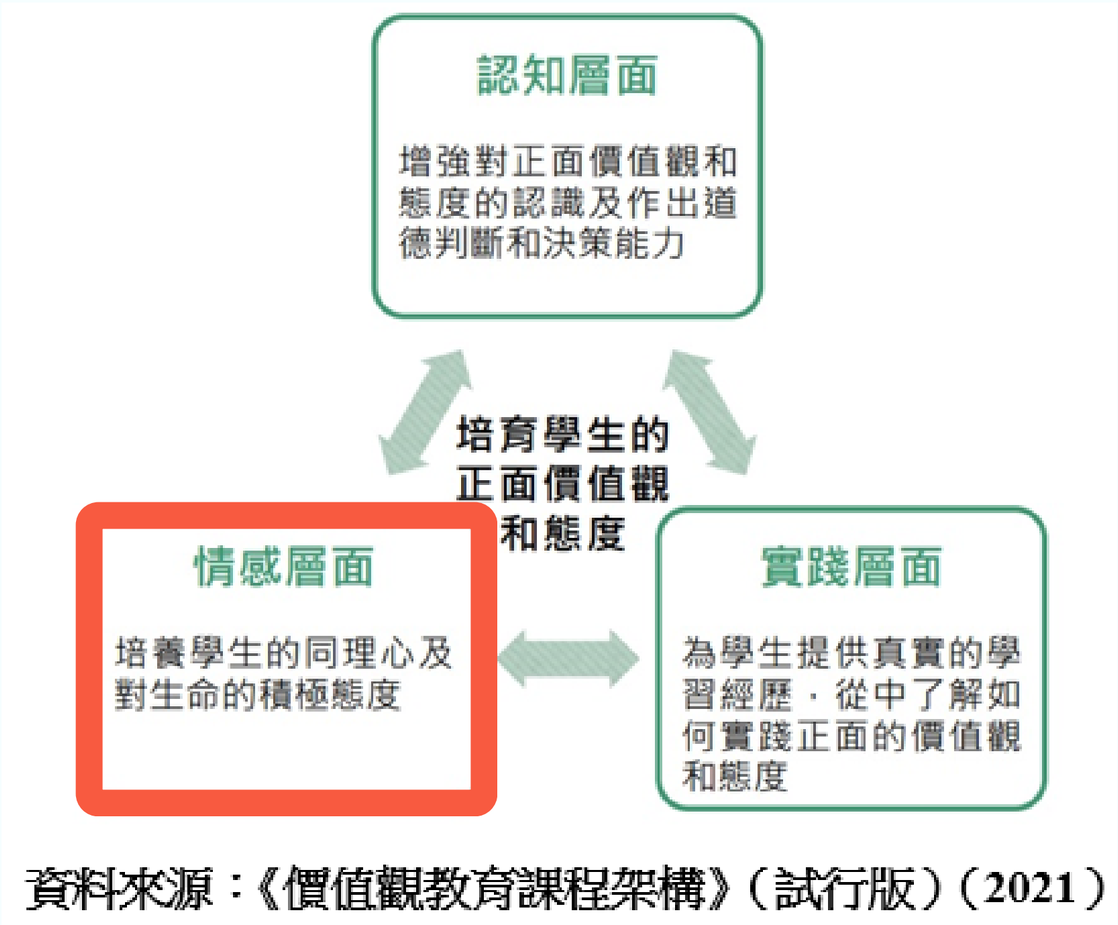
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守護學生網絡安全

- **知識傳播**
  - 講座、課堂、新聞分享、展版
- **建立學生行爲守則**
  - 堂規；校規；IT Prefect
- **校本數據治理政策**
  - 原則；建議流程

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守護學生網絡安全



資料來源：《價值觀教育課程架構》（試行版）（2021）

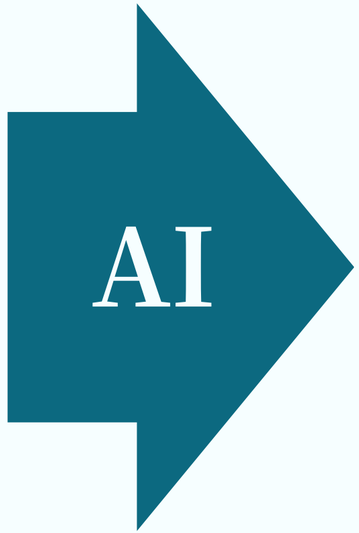
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眞的危險嗎？

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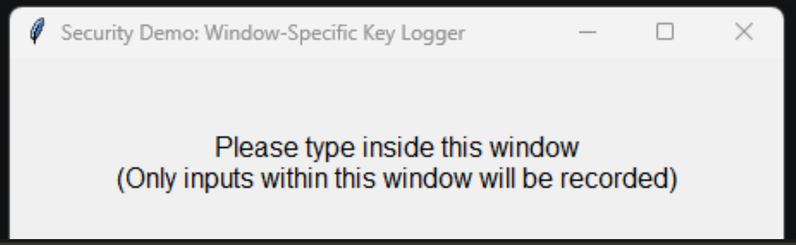
眞的危險嗎？

惡意程式
中間人
Denial-of-Service (DoS)
軟件漏洞
社交工程
登入憑證攻擊



- 惡意程式
- 中間人
- Denial-of-Service (DoS)
- 軟件漏洞
- 社交工程
- 登入憑證攻擊

惡意程式



How to Run the Demo

Timestamp	Key Presse
30/4/2026 0:09	h
30/4/2026 0:09	e
30/4/2026 0:09	l
30/4/2026 0:09	l
30/4/2026 0:09	o
30/4/2026 0:09	space
30/4/2026 0:09	w
30/4/2026 0:09	o
30/4/2026 0:09	r
30/4/2026 0:09	l
30/4/2026 0:09	d
30/4/2026 0:09	Shift_L
30/4/2026 0:09	exclam
30/4/2026 0:09	space

1. Run the Python program below
2. Click inside the pop-up window and type freely — try ty
3. Close the window, then open `key_demo_log.csv` in the s
   file locates.
4. You will see every single key you pressed, with timestam

Think About This

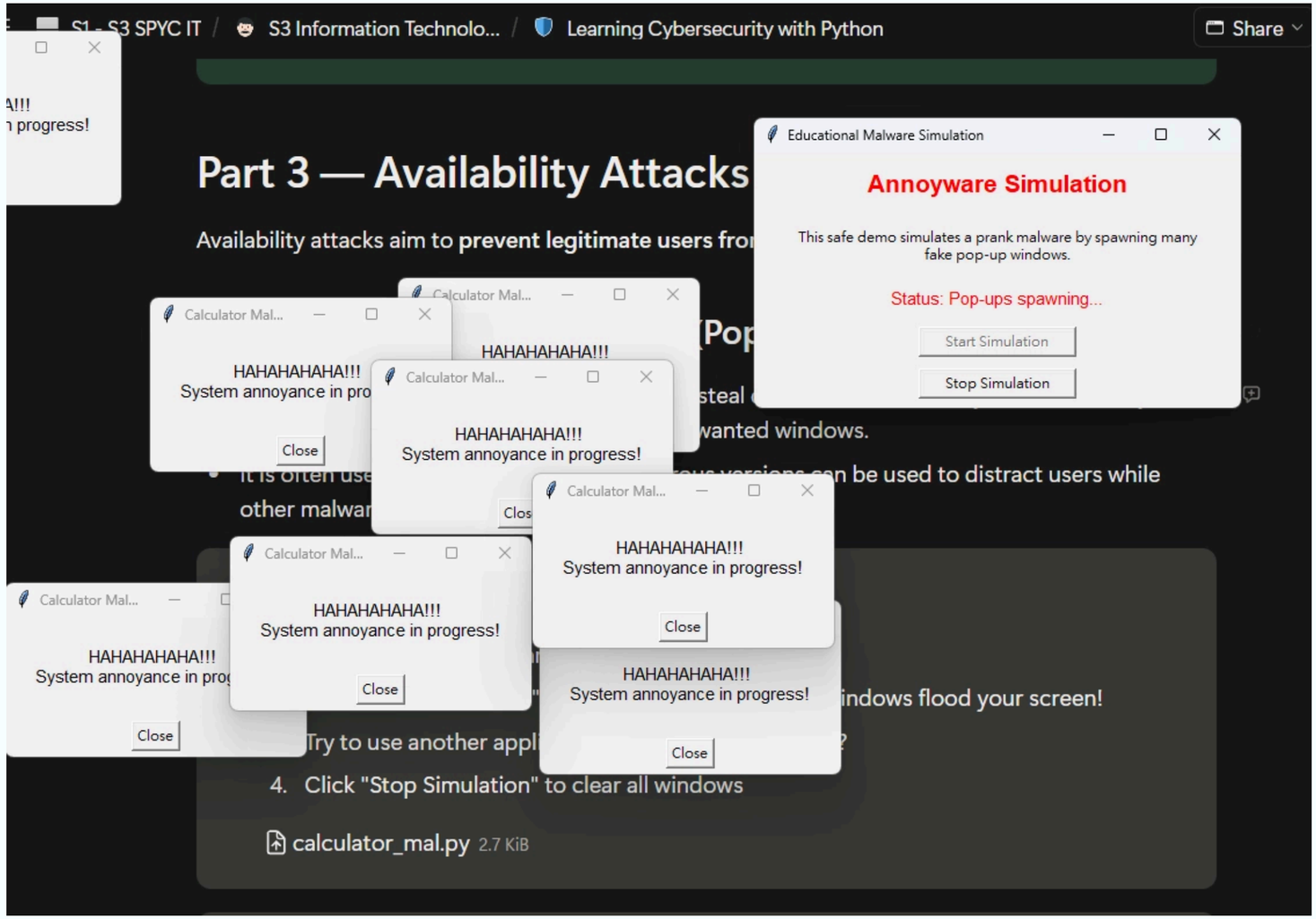
- In this demo, there is a visible window showing the program is running. Would a real malware show this window?
- How could a hacker secretly install a keylogger on your computer?
  - e.g, Phishing email, USB Flash Drive as souvenir
- What information could be most dangerous if captured by a keylogger?

How to Stay Safe

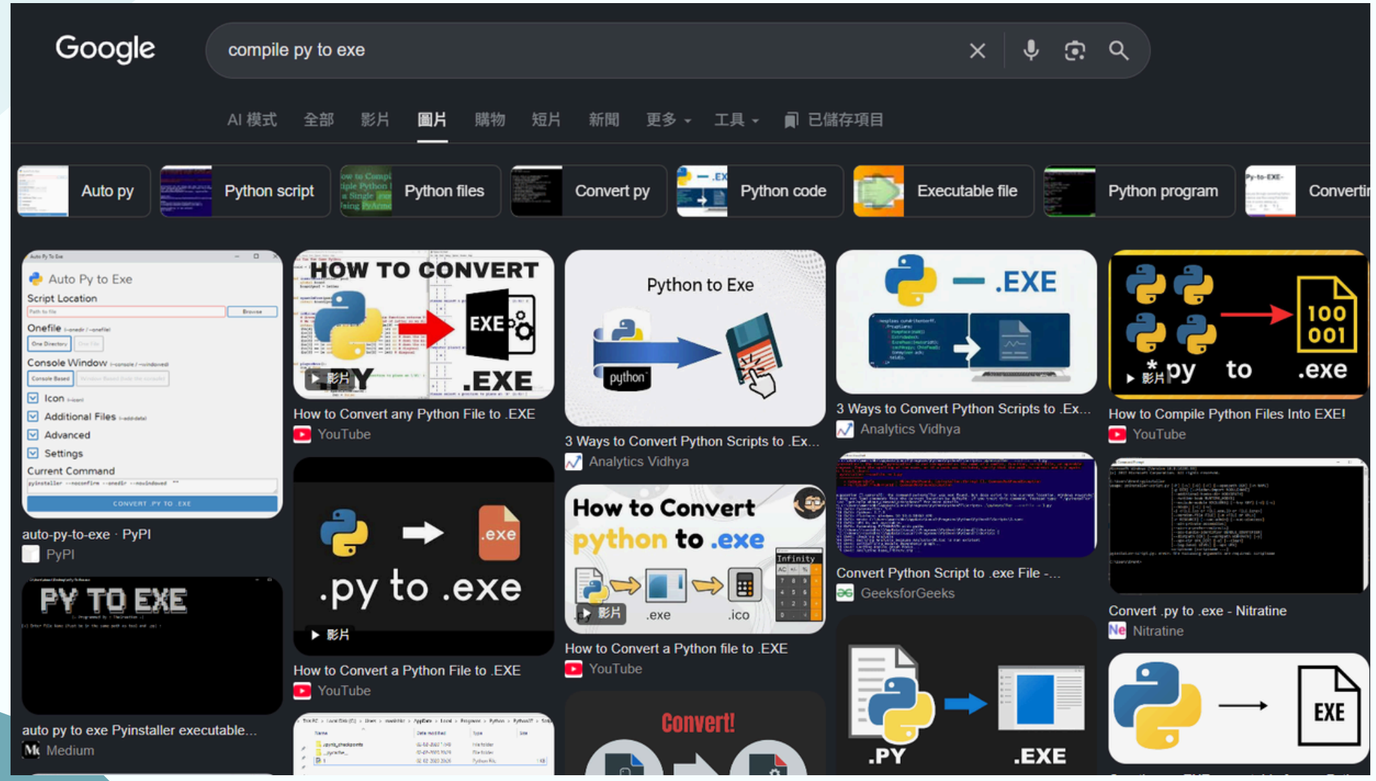
- Never install software from **unknown sources** or click suspicious links
- Use **anti-virus / endpoint protection software** to detect keyloggers
- Enable **Multi-Factor Authentication (MFA)** — even if your password is stolen, attackers still can't log in without your phone

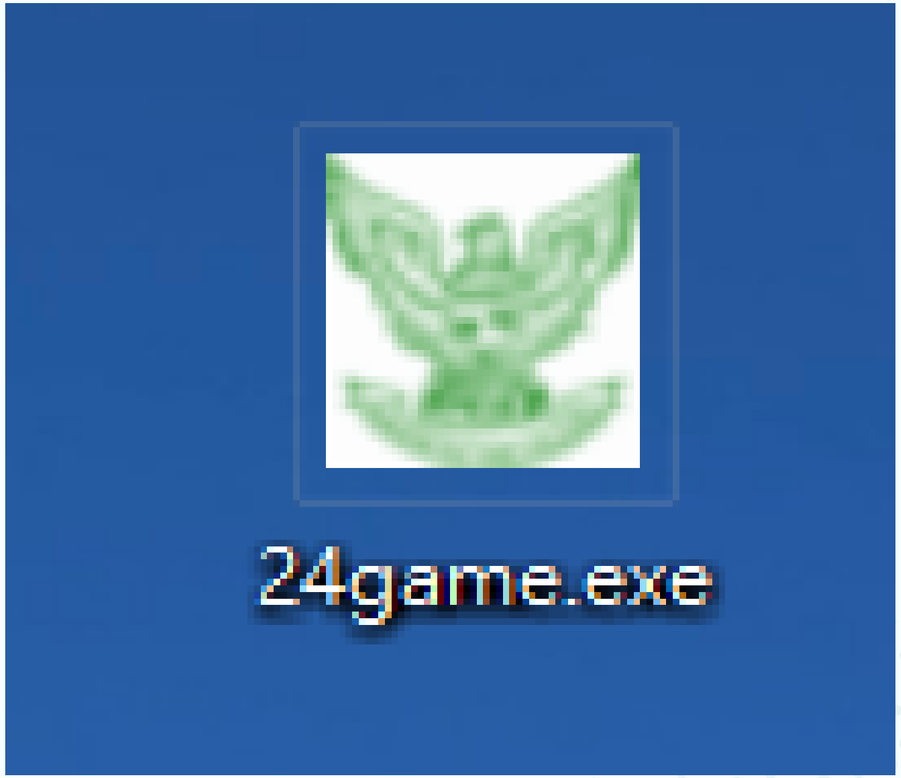
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惡意程式



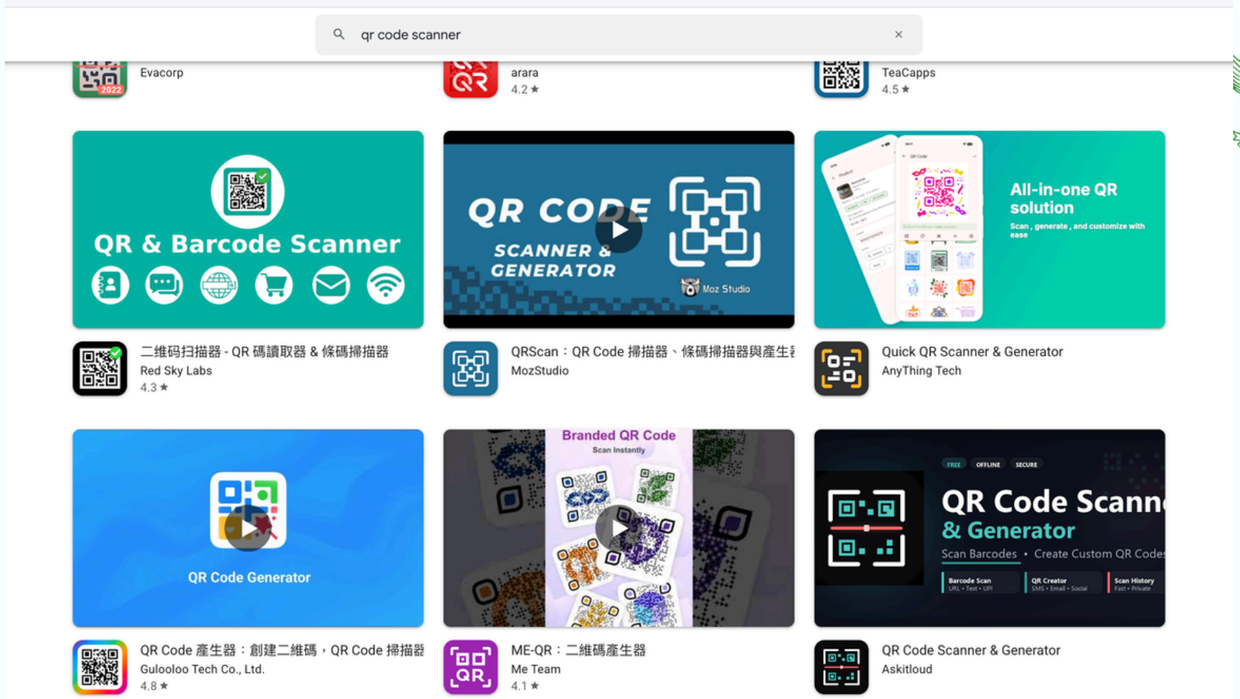
惡意程式

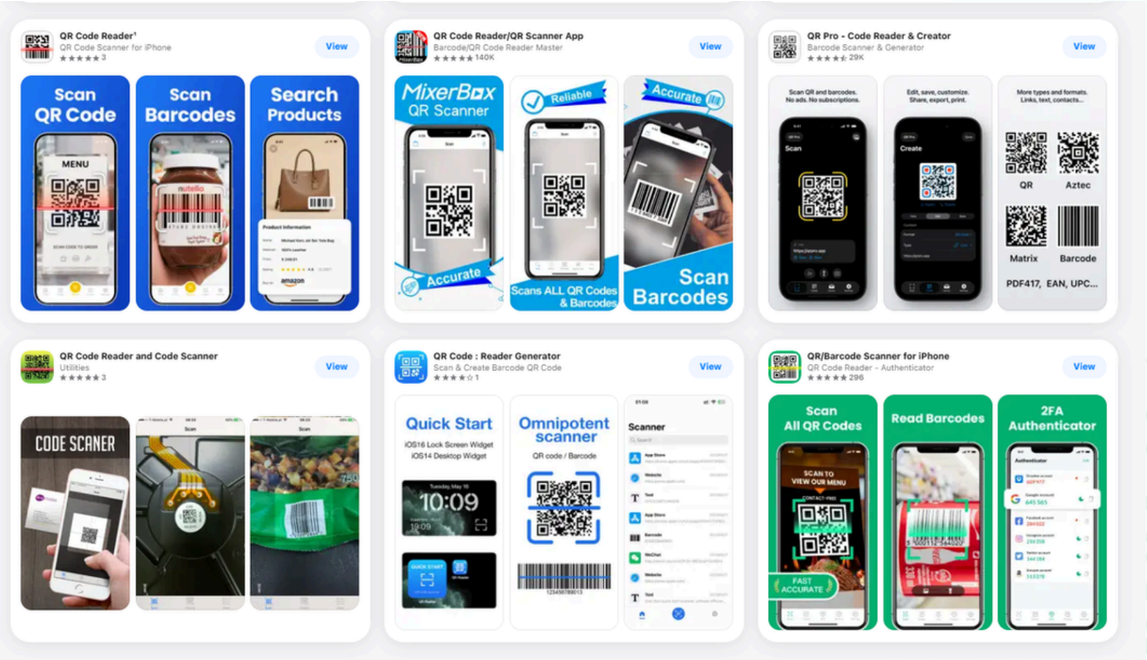

Google
compile py to exe
AI 模式 全部 影片 圖片 購物 短片 新聞 更多 工具 已儲存項目
Auto py
Python script
Python files
Convert py
Python code
Executable file
Python program
Auto Py to Exe
Script Location
Onefile
Console Window
Icon
Additional Files
Advanced
Settings
Current Command
CONVERT .PY TO .EXE
auto-py-to-exe · PyPI
PyPI
HOW TO CONVERT
EXE
.EXE
How to Convert any Python File to .EXE
YouTube
Python to Exe
python
3 Ways to Convert Python Scripts to .Ex...
Analytics Vidhya
.EXE
3 Ways to Convert Python Scripts to .Ex...
Analytics Vidhya
100
001
*.py to .exe
How to Compile Python Files Into EXE!
YouTube
PY TO EXE
auto py to exe Pyinstaller executable...
Medium
.py to .exe
How to Convert a Python File to .EXE
YouTube
How to Convert
python to .exe
.exe
.ico
How to Convert a Python file to .EXE
YouTube
Convert Python Script to .exe File -...
GeeksforGeeks
Convert .py to .exe - Nitratine
Nitratine
Convert!
.PY
.EXE
EXE


24game.exe

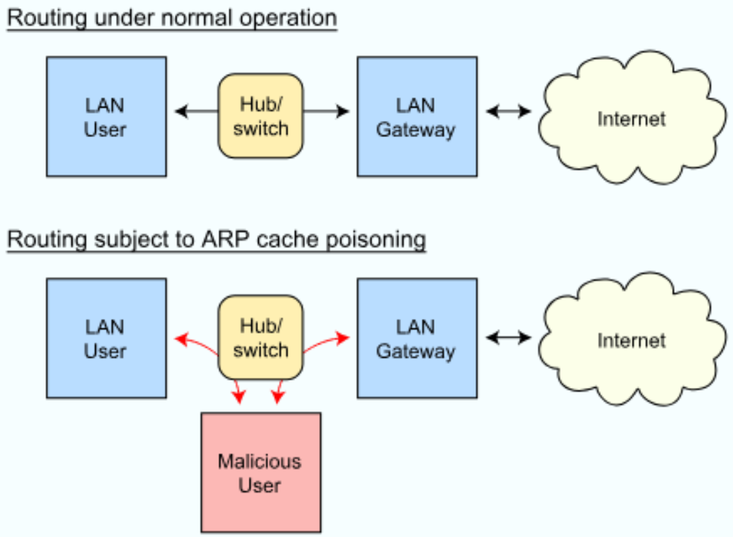
惡意程式


⚠ 最終警告
您目前正在使用舊版本的
PDF 閱讀器。
如果不更新，您的資料可能
會遺失。
取消
更新
免費使用PDF工具 | PDF閱讀器 - Android PDF查看器
舊版工具可能影響PDF處理


qr code scanner
Evacorp
arara
4.2 ★
TeaCapps
4.5 ★
QR & Barcode Scanner
二维码扫描器 - QR 碼讀取器 & 條碼掃描器
Red Sky Labs
4.3 ★
QR CODE
SCANNER & GENERATOR
Moz Studio
QRScan：QR Code 掃描器、條碼掃描器與產生器
MozStudio
All-in-one QR solution
Quick QR Scanner & Generator
AnyThing Tech
QR Code Generator
QR Code 產生器：創建二維碼，QR Code 掃描器
Gulooloo Tech Co., Ltd.
4.8 ★
Branded QR Code
Scan Instantly
ME-QR：二維碼產生器
Me Team
4.1 ★
QR Code Scann
& Generator
Scan Barcodes • Create Custom QR Code
QR Code Scanner & Generator
Askitloud


QR Code Reader
Scan QR Code
Scan Barcodes
Search Products
QR Code Reader/QR Scanner App
MixerBox QR Scanner
Reliable
Accurate
Scans ALL QR Codes & Barcodes
Scan Barcodes
QR Pro - Code Reader & Creator
QR Code Reader and Code Scanner
CODE SCANER
QR Code : Reader Generator
Quick Start
Omnipotent scanner
QR/Barcode Scanner for iPhone
Scan All QR Codes
Read Barcodes
2FA Authenticator

中間人



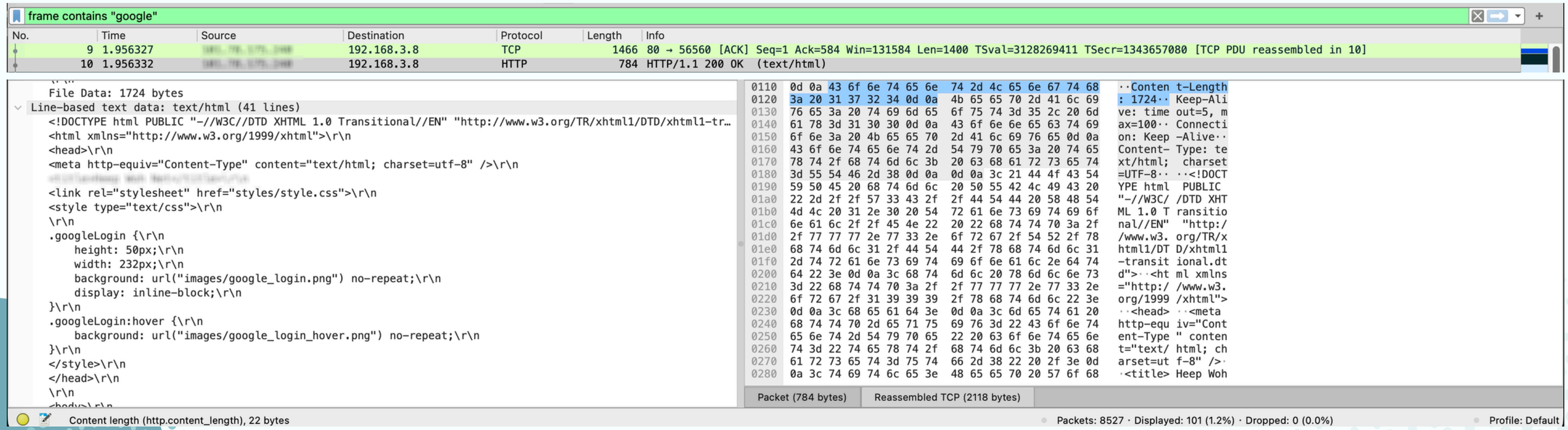
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ARP spoofing

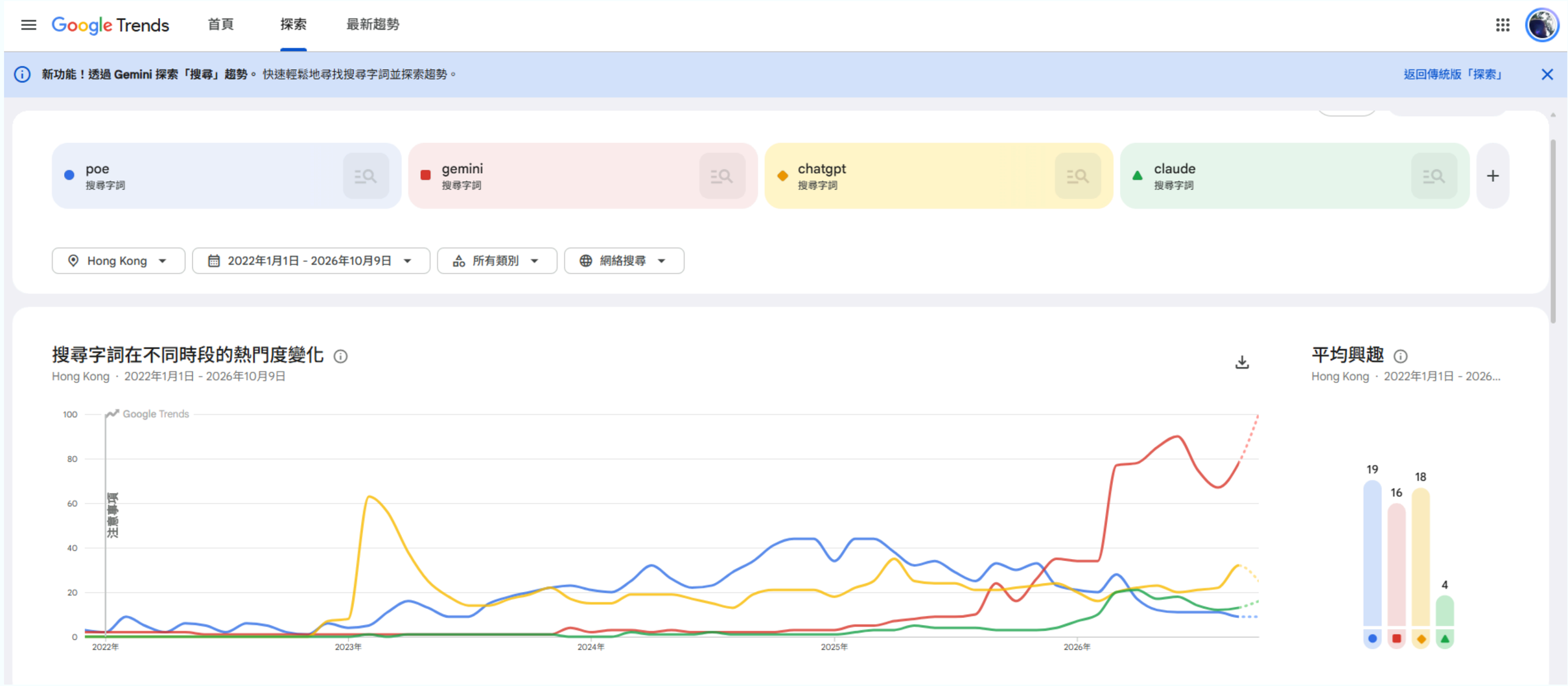
Article Talk

From Wikipedia, the free encyclopedia

In computer networking, **ARP spoofing** (also **ARP cache poisoning** or **ARP poison routing**) is a technique by which an attacker sends (spoofed) Address Resolution Protocol (ARP) messages onto a local area network. Generally, the aim is to associate the attacker's MAC address with the IP address of another host, such as the default gateway, causing any traffic meant for that IP address to be sent to the attacker instead.



中間人

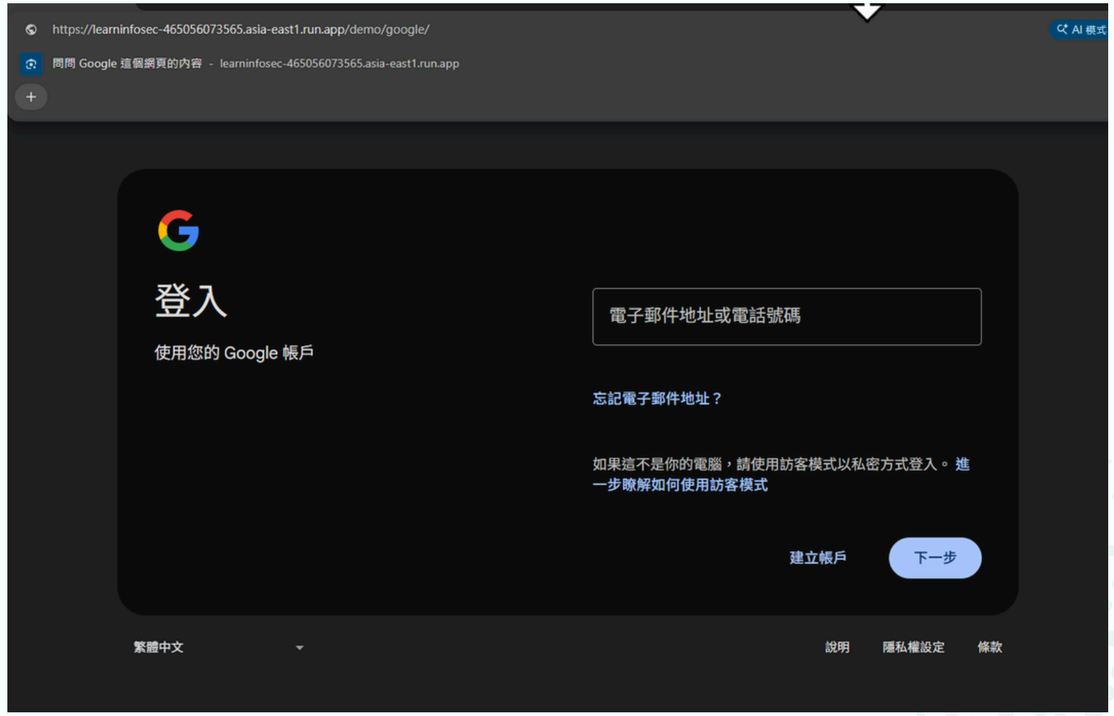

Google Trends
首頁
探索
最新趨勢
新功能！透過 Gemini 探索「搜尋」趨勢。快速輕鬆地尋找搜尋字詞並探索趨勢。
返回傳統版「探索」
poe
搜尋字詞
gemini
搜尋字詞
chatgpt
搜尋字詞
claude
搜尋字詞
Hong Kong
2022年1月1日 - 2026年10月9日
所有類別
網絡搜尋
搜尋字詞在不同時段的熱門度變化
Hong Kong · 2022年1月1日 - 2026年10月9日
Google Trends
100
80
60
40
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注意事項
2022年
2023年
2024年
2025年
2026年
平均興趣
Hong Kong · 2022年1月1日 - 2026...
19
16
18
4

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社交工程

1. http://myaccount.google.com-securitysettingpage.ml-security.org/signonoptions/
2. https://google.com/amp/tinyurl.com/y7u8ewir
3. http://www.netflix.com.onlinehome.us



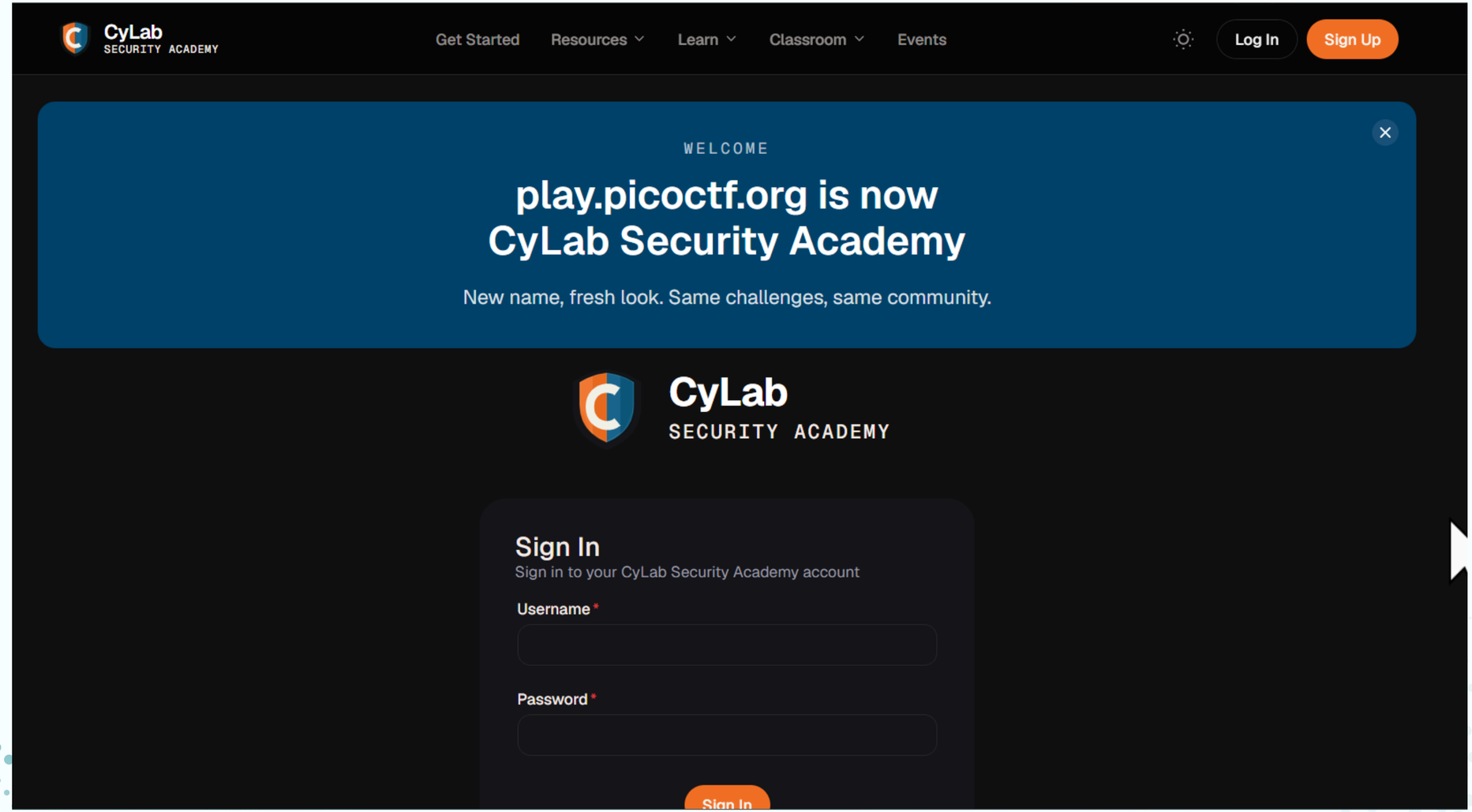


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具競賽元素的
自學平台

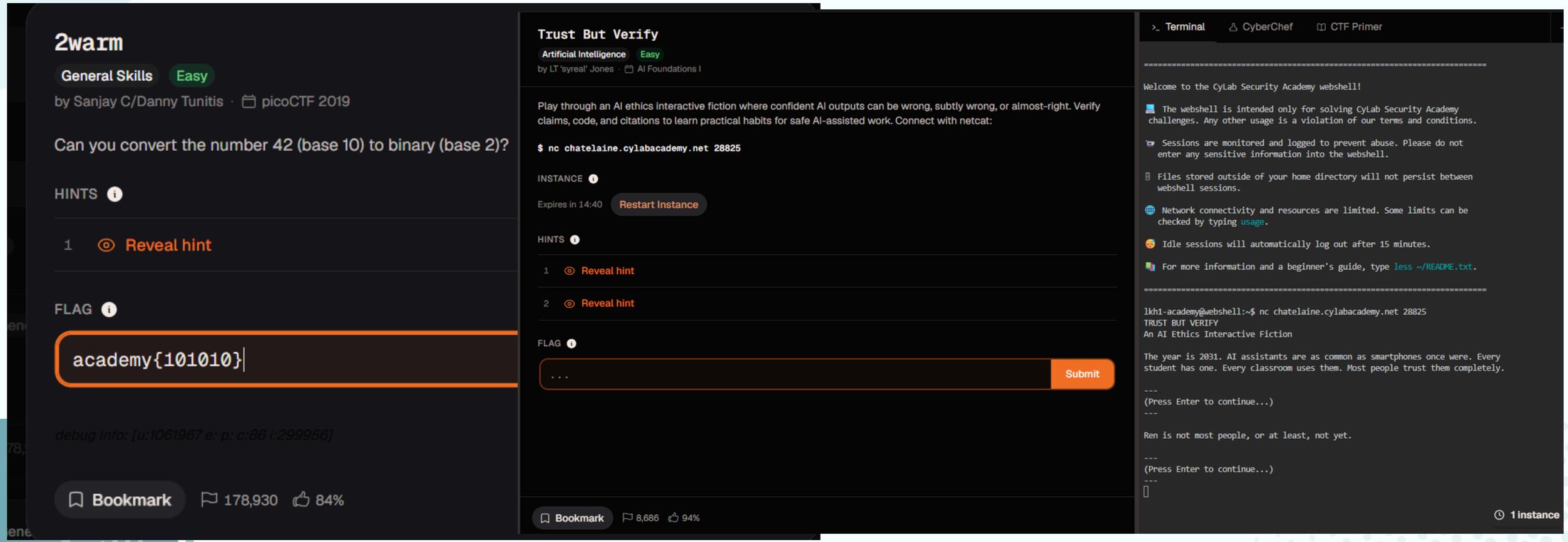
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具競賽元素的自學平台



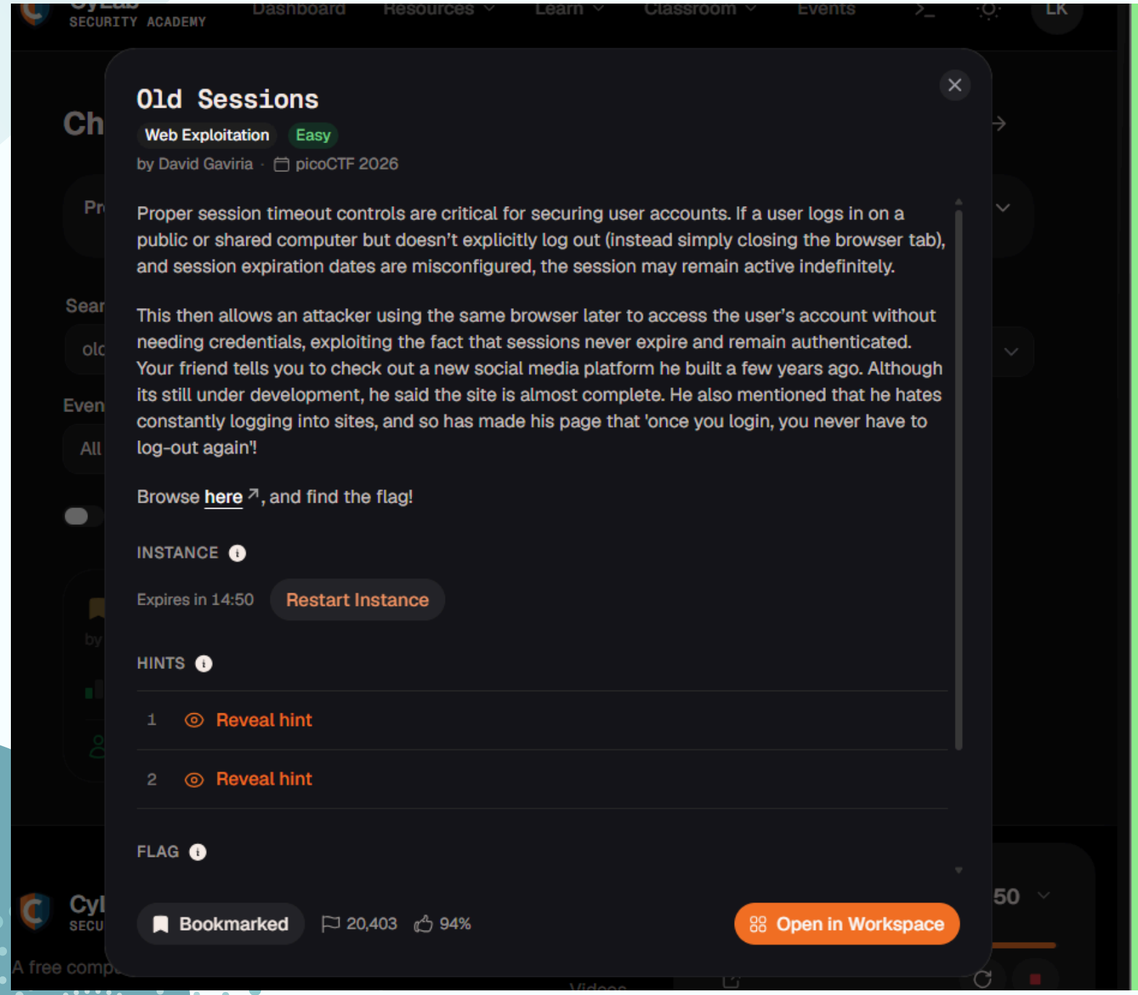
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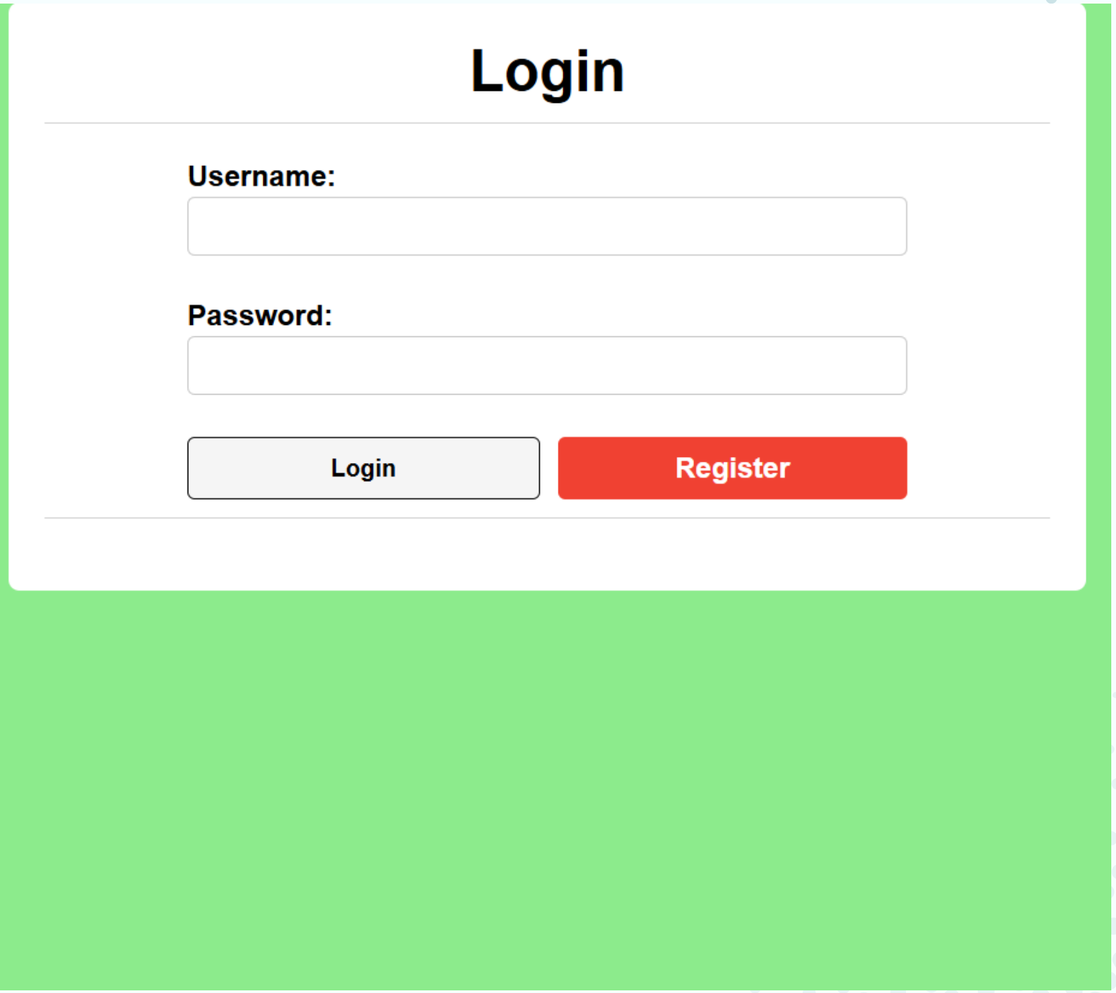
具競賽元素的自學平台



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具競賽元素的自學平台





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CUCTF
HKCERTCTF
PUCTF
Shieldtag
網絡攻防精英培訓暨攻防大賽

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SPYCCTF

⚡ MISSION START: 2026 SPYCCTF — THE 54-HOUR CYBER SHOWDOWN ⚡

Do you have the digital grit to survive the most intense weekend of the year? **Swdev** is officially launching **SPYCCTF 2026**—a high-stakes, solo tactical operation where only the sharpest minds will emerge victorious.

🔍 WHAT IS CTF?

Capture The Flag is where the world's best hackers prove their worth. In this digital battlefield, you'll act as a "white-hat" operative, bypassing security, cracking deep-layer encryption, and hunting down hidden data fragments known as **"Flags."** It's a race of **intelligence, speed, and pure technical dominance.**

🛠️ PHASE 1: TACTICAL PREP WORKSHOPS

Before the showdown begins, gear up with the skills you need to dominate.

👉 **ENLIST NOW: Workshop Registration Link**

Date	Mission	Key Training
May 11	**The Cypher Chamber**	Mastering symmetric cyphers & modern decoding.
May 13	**Web Infiltration**	**Burp Suite** & web game exploitation.
May 14	**Ghost Protocol**	Steganography & OSINT (Open-Source Intel) gathering.

🔥 PHASE 2: THE 54-HOUR CTF

One player. One machine. Zero mercy.

- **Operation Window: May 16 (16:00) – May 18 (22:00)**
- **Base of Ops:** The **STEM Hub** (Open after school) or at Home.
- **Hardware:** Bring your own laptops or use **STEM Hub computers**.
- **Eligibility:** Anyone in SPYC - no prior application required.

SPYCCTF

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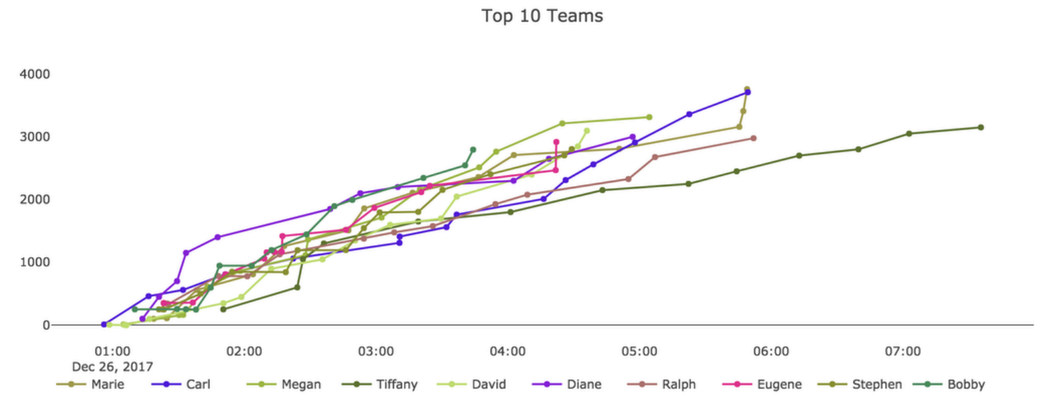
CTFd/CTFd: CTFs as you need them

CTFs as you need them. Contribute to CTFd/CTFd development by creating an account on GitHub.

GitHub

CTFd Teams Scoreboard Challenges Admin Team Profile Logout

Scoreboard



Place	Team	Score
1	Marie	3759
2	Carl	3710
3	Megan	3313
4	Tiffany	3150
5	David	3097
6	Diane	3000

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品格的塑造



