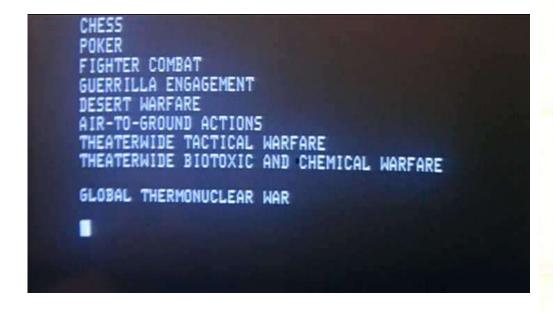
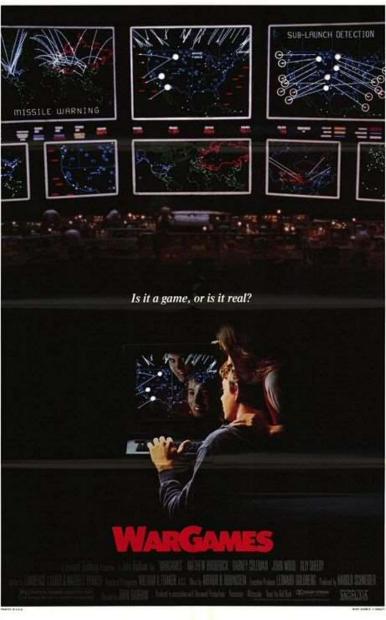


# Wargames (1983)









## What are wargames? (aka CTFs)

In hacking, a **wargame** is a cyber-security **challenge** and **mind sport** in which the competitors must **exploit or defend a vulnerability** in a system or application, or **gain or prevent access** to a computer system.

https://en.wikipedia.org/wiki/Wargame\_(hacking)



### Categories

### **Jeopardy**

- Pwn
- Crypto
- Web
- Forensics
- Misc

#### **Attack and Defense**

- Teams own a network with vulnerable services.
- Patch vulnerabilities
- Attack enemy unpatched vulnerabilities

& category

Points are awarded based on difficulty Points are awarded based on successful attacks, system uptime etc.



### Popular Wargames

- hackthissite.org
- overthewire.org
- pwnable.kr
- root-me.org
- ctftime.org
- exploit-exercises.com
- ...and the list goes on



### Basic Techniques

- 1. Inspect source code
- 2. Enumerate directories
- 3. Find user-input fields
- 4. Server validation?
- 5. Injection vulnerabilities
- 6. Request headers
- 7. Cookies
- 8. ...Improvise