CYBERSECURITY 101

PAR TAD

SOMMAIRE

1. Linux c’est kwa ?
2. Intro à WSL
3. On tape des commandes Linux
4. Tour du monde des catégories en CTF
5. A vos claviers les artistes
6. Ricard

CHAPTER 1 :

LINUX C'EST KWA ?

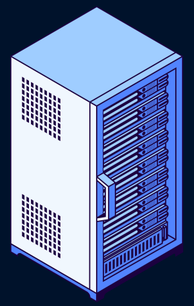
1. Linux c’est kwa ?

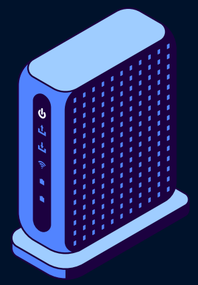
MAC OS

LINUX

WINDAUBE

un système d’exploitation comme Windows ou macOS, mais construit différemment : on peut tout modifier, tout comprendre.





1. Linux c’est kwa ?

POURQUOI ON AIME LINUX ?

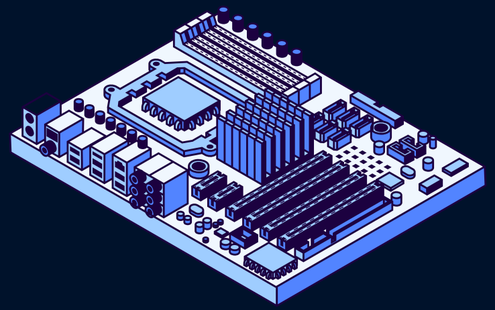
CONTRÔLE TOTAL SUR LA MACHINE

ACCÈS BAS-NIVEAU

OUTILS OPEN-SOURCE

C’EST AUSSI NOTRE CIBLE

1. Linux c’est kwa ?



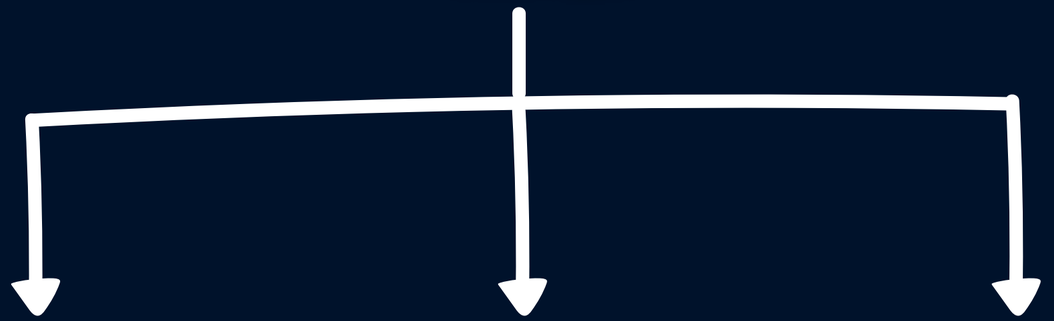
OS = NOYAU + UTILITAIRES

GÈRE LE MATÉRIEL (CPU, MÉMOIRE, DISQUE, RÉSEAU)

EMPAQUETTE LE NOYAU AVEC DES LOGICIELS POUR LE RENDRE UTILISABLE

1. Linux c’est kwa ?

LES DISTRIBUTIONS



UBUNTU
(BUREAUTIQUE)

DEBIAN
(SERVEUR)

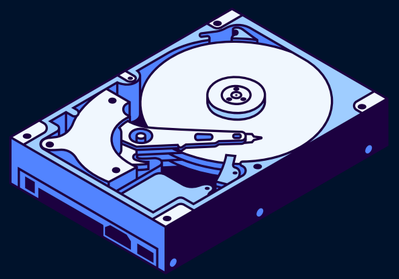
KALI
(SÉCURITÉ)

CHAPTER 2 :

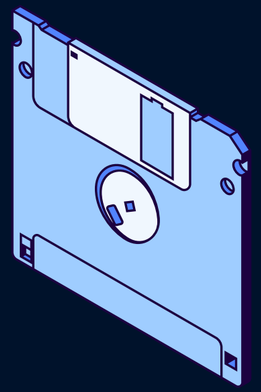
INTRO À WSL

2. Intro à WSL

INSTALLER LINUX

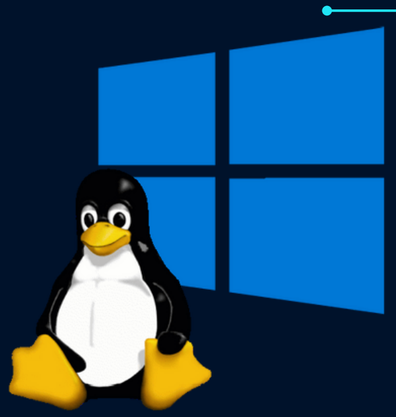


BARE METAL



DUAL BOOT

MACHINE VIRTUELLE

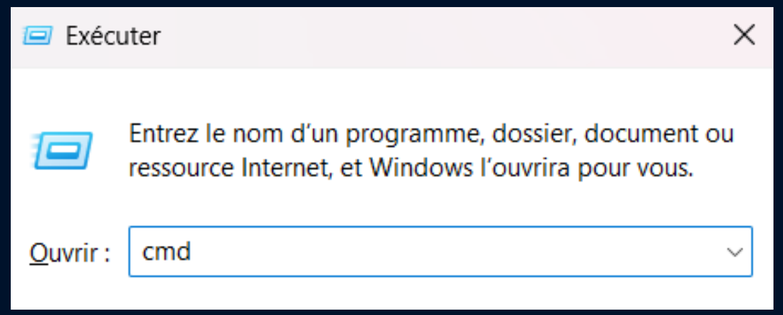


WSL

2. Intro à WSL

INSTALLER WSL

1 - TOUCHE WINDOWS + R



2 - TAPER WSL + ENTRÉE

```
Version de l'image : 10.0.26100.6899

Activation de la ou des fonctionnalités
[==========================100.0%==========================]
L'opération a réussi.
```

3 - WSL --INSTALL KALI-LINUX

4 - REDÉMMARER LE PC

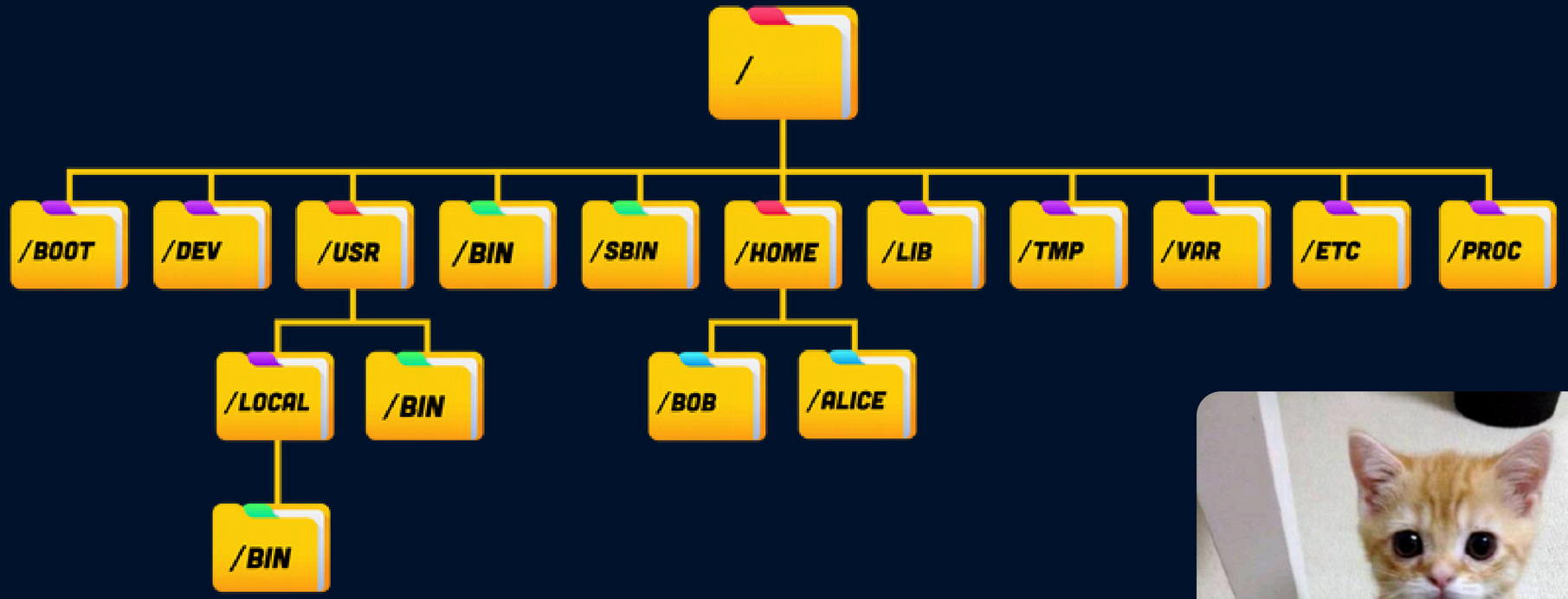
5 - BRAVO !! GG WP ! EAZYWIN !

CHAPTER 3 :

ON TAPE DES COMMANDES LINUX

3. On tape des commandes Linux

LE SYSTÈME DE FICHIER



3. On tape des commandes Linux

3. On tape des commandes Linux

RÉSUMÉ DES COMMANDES UTILES :

ls
cd
pwd
mkdir
rm
mv
echo
>
head
tail

whois
whoami
id
sudo
su
grep
pipe |
ps
chmod
ctrl +c

clear
man
xxd
ifconfig
cat
curl
ping
touch

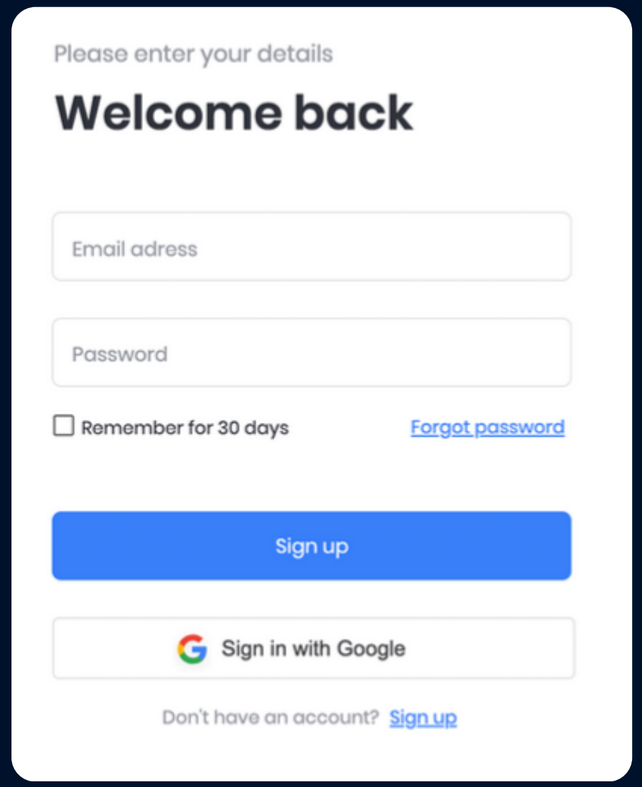
ctrl

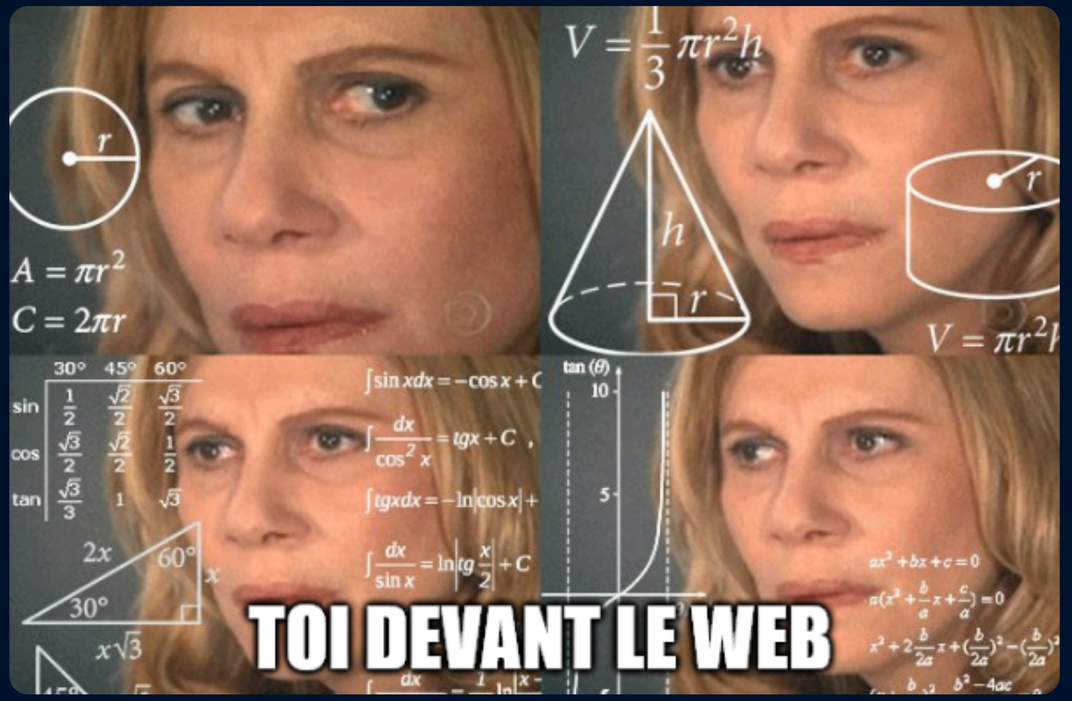
CHAPTER 4 :

TOUR DU MONDE DES CATÉGORIES EN CTF

4.Tour du monde des catégories en CTF

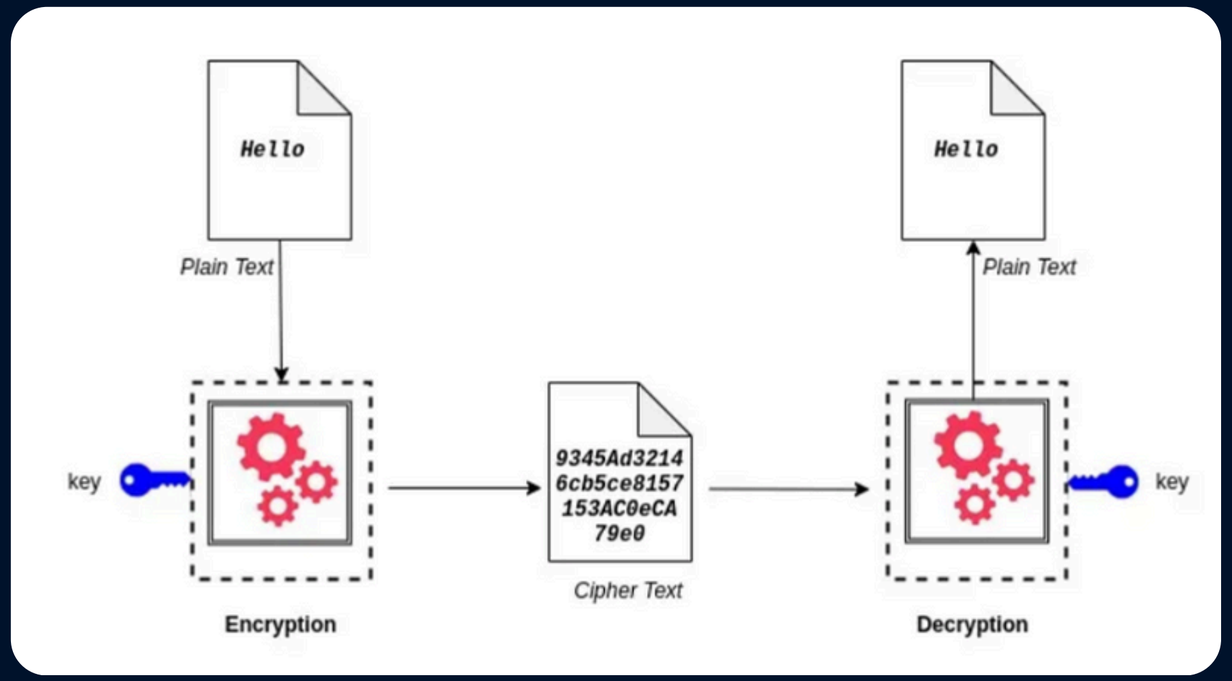
WEB





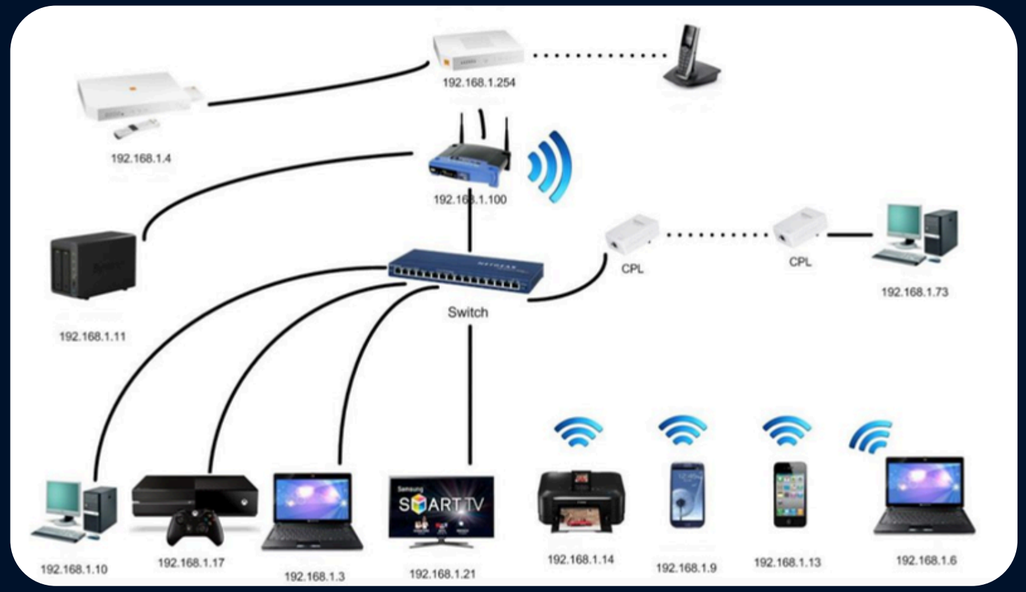
4.Tour du monde des catégories en CTF

CRYPTOGRAPHIE



4.Tour du monde des catégories en CTF

RÉSEAU

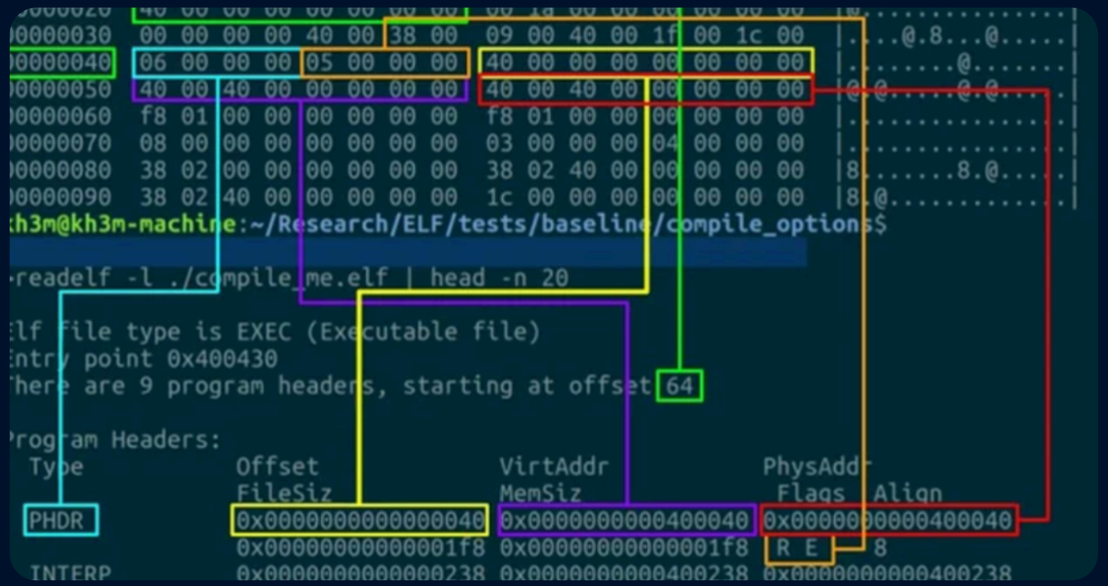


4.Tour du monde des catégories en CTF

FORENSICS

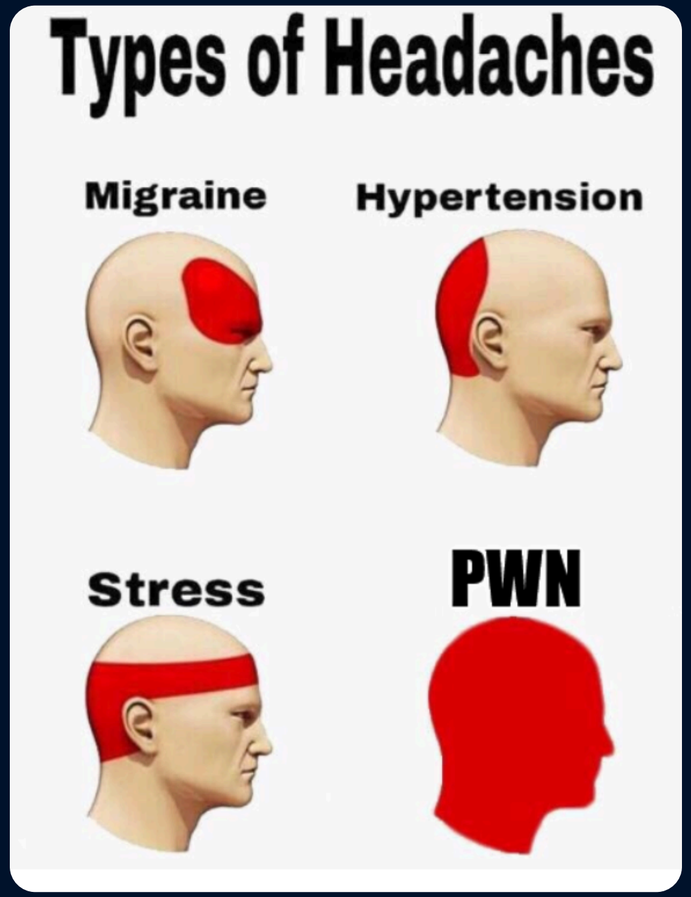
4.Tour du monde des catégories en CTF

REVERSE



4.Tour du monde des catégories en CTF

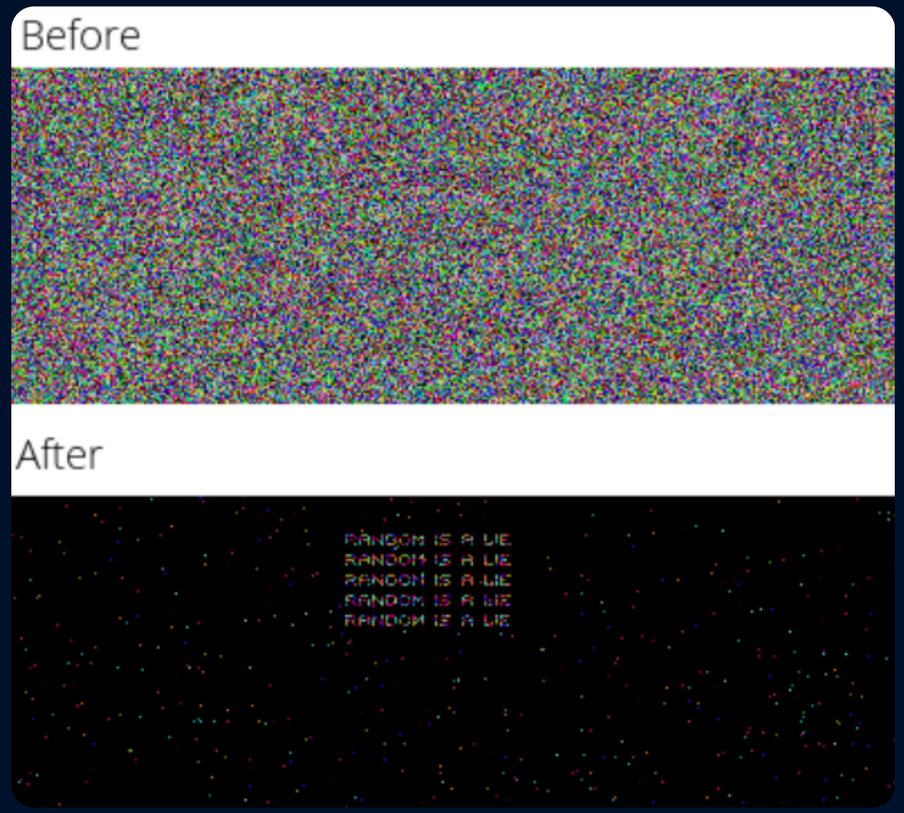
PWN

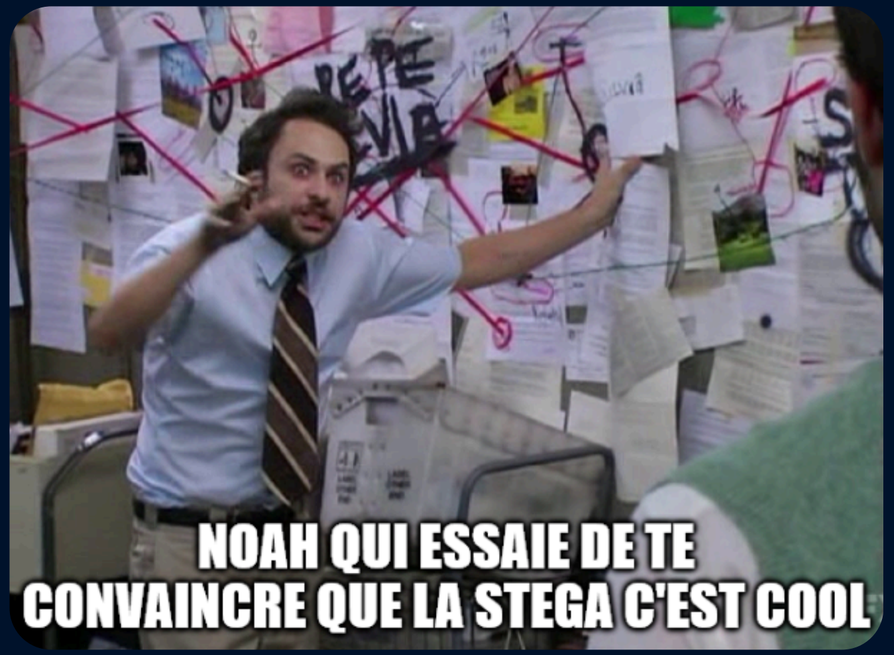



```
RAX  0x0
RBX  0x7ffff7ff5000 ◂— mov    ecx, 0x1000
RCX  0x7ffff7b0e737 (mprotect+7) ◂— cmp    rax, -0xfff
*RDX 0x109b00000000
RDI  0x7ffff7ff5000 ◂— mov    ecx, 0x1000
RSI  0x1000
R8   0xffffffffffffffff
R9   0x0
R10  0x487
R11  0x202
*R12 0x109bc31d6ab4
R13  0x7fffffffdc50 ◂— 0x1
R14  0x0
R15  0x0
RBP  0x7fffffffdb60 —▸ 0x7fffffffdb70 —▸ 0x555555554b60 (__libc_csu_init) ◂— push   r15
RSP  0x7fffffffdb40 ◂— 0x0
RIP  0x555555554b16 (do_test+86) ◂— call   rbx
[                                                                    DISASM
► 0x555555554b16 <do_test+86>     call   rbx

  0x555555554b18 <do_test+88>     rdtsc
  0x555555554b1a <do_test+90>     mov    edi, 1
  0x555555554b1f <do_test+95>     shl    rdx, 0x20
  0x555555554b23 <do_test+99>     lea    rsi, [rbp - 0x18]
  0x555555554b27 <do_test+103>    or     rdx, rax
  0x555555554b2a <do_test+106>    sub    rdx, r12
  0x555555554b2d <do_test+109>    mov    qword ptr [rbp - 0x18], rdx
  0x555555554b31 <do_test+113>    mov    edx, 8
  0x555555554b36 <do_test+118>    call   write@plt                    <0x5555555547b0>

  0x555555554b3b <do_test+123>    cmp    rax, 8
```

4.Tour du monde des catégories en CTF

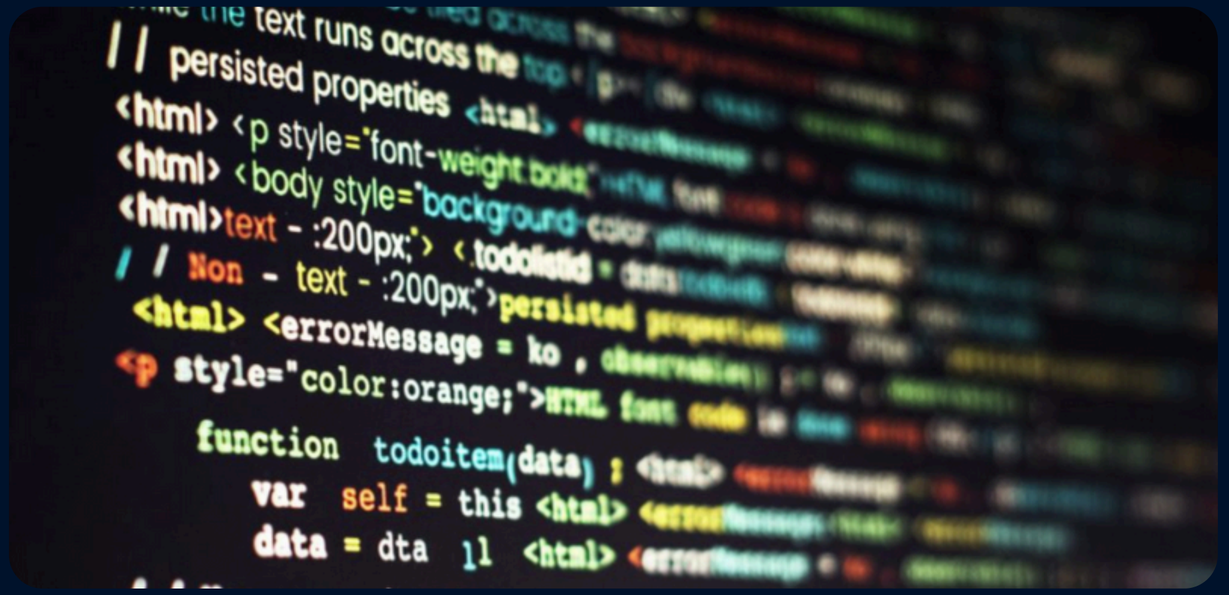
STÉGANOGRAPHIE





4.Tour du monde des catégories en CTF

PROGRAMMATION



4.Tour du monde des catégories en CTF

MISC

4.Tour du monde des catégories en CTF

RÉALISTE

FAILLE

EXPLOITATION

SERVEUR

ESCALADE DE PRIVILÈGE

CHAPTER 5 :

RICARD

ON VA AU BAR !


RICARD
RICARD
PASTIS
DE
MARSEILLE
FRANCE
Paul Ricard
RICARD