

## Lab: Reflected XSS into HTML context with nothing encoded

This lab contains a simple [reflected cross-site scripting](#) vulnerability in the search functionality.

To solve the lab, perform a cross-site scripting attack that calls the `alert` function.



Reflected XSS into HTML context with nothing encoded

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As Described in the lab description, there is XSS Vulnerability in the search functionality, lets search something and check how the website processes the user input.

https://0a1a00004482f7b8233fb8900bf0031.web-security-academy.net/?search=fake

WebSecurity Academy

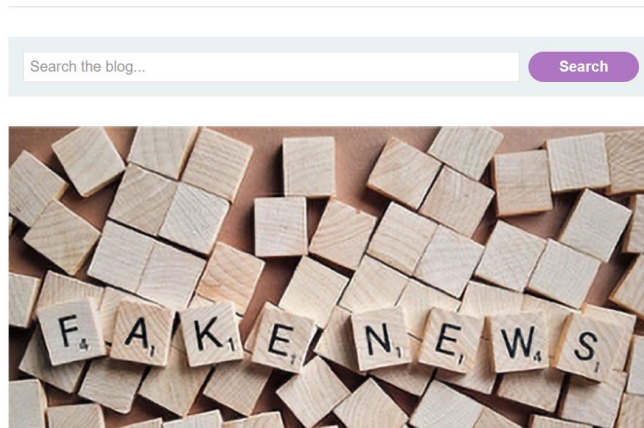
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1 search results for 'fake'



The input data is processed in an unsafe way, explicitly we can make changes to the search functionality, lets try to make an alert function.

https://0a1a00004482f7b8233fb8900bf0031.web-security-academy.net/?search=fake<script>alert(1);</script>

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Reflected XSS

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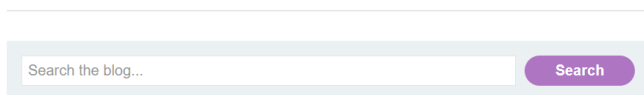
...04482f7b8233fb8900bf0031.web-security-academy.net says

1

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