Ahmed Khaled Saad Ali Mekheimer

ID: 1809799

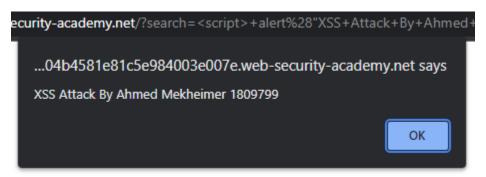
Reflected XSS into HTML context with nothing encoded

Since it is mentioned that a simple reflected cross-site scripting vulnerability in the search functionality is present, we will write the script:

<script> alert("XSS Attack By Ahmed Mekheimer 1809799")/script> in the search
button, Click search.

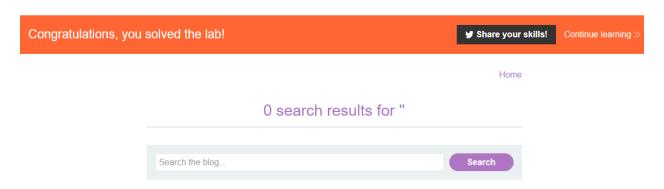


The alert message is shown, meaning that the script was run, XSS attack succeeded, and lab solved.









Learning Outcome:

- 1. Any field that user can interact with is the 1st to be exploited by attackers to test if it's vulnerable to XSS attacks or not, so such fields should be secured.
- 2. Web Developer mustn't make any script run easily in those fields by applying policies such as Content Security Policy (CSP).