

Network Security Project

Title - XSS Scripting

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Group Number:- 42

Student Details -

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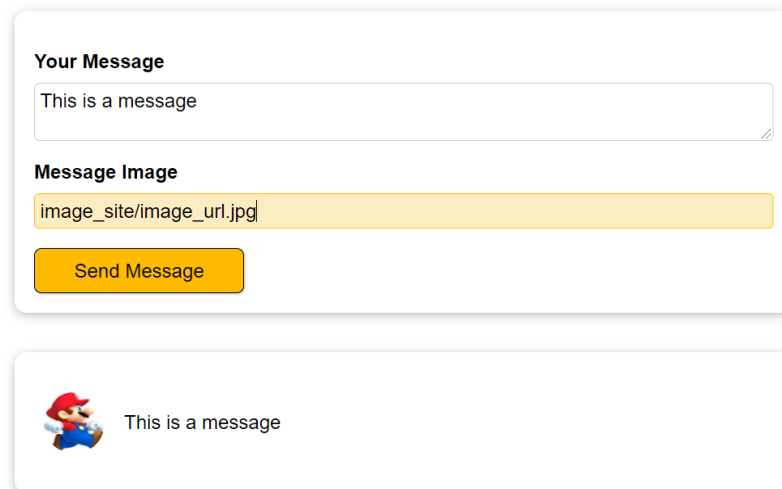
Instructions Manual:-

Prerequisites:-

- Make sure javascript is installed in your device to run .js file
- Make sure The folder contains three code files:- app.js, inde.html and style.css

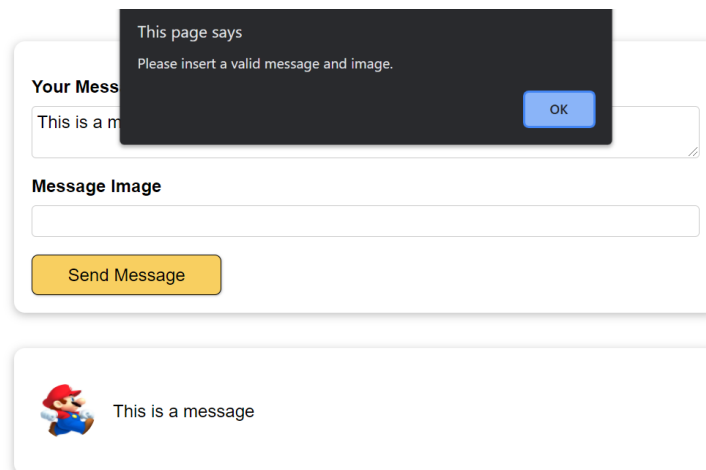
Instructions to run the code:-

- Double click on the index.html file and your default browser will open with the web application containing two text fields and a button.




The screenshot shows a web application interface. At the top, there is a section titled "Your Message" with a text input field containing the text "This is a message". Below this is a section titled "Message Image" with a text input field containing the text "image_site/image_url.jpg". A yellow "Send Message" button is positioned below the input fields. Below the form, the output is displayed in a white box with a light gray border. It features a Mario character icon on the left and the text "This is a message" on the right.

- Type your message and an image url to test the application in case you forget to type any one parameter then an alert box will appear.



The screenshot shows the same web application interface as before, but with an alert box displayed over the form. The alert box is dark gray with white text that reads: "This page says" followed by "Please insert a valid message and image." and an "OK" button. The form behind the alert box is partially visible, showing the "Your Message" and "Message Image" input fields and the "Send Message" button. Below the form, the output box shows the Mario icon and the text "This is a message".

- Now to test The xss scripting attack Enter some random message on the message field
- And Enter the following line in the Image url textfield
 onerror="alert('hacked')"

Your Message

This is a message

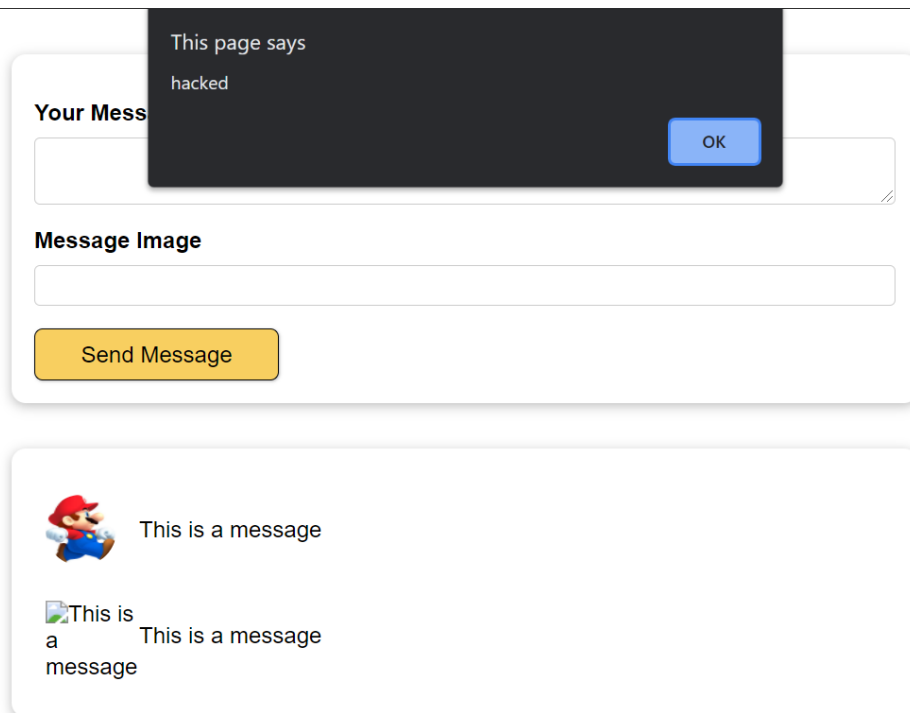
Message Image

some_image_link" onerror="alert("Hacked")"

Maliciuos code which can interfere in our code base

Send Message

- After click on send message you will see that an alert message saying “Hacked” will appear



Hence, XSS scripting attack is successful. We able to alter the code base of the main code as in all over the app no instructions have been passed to display the hacked message but still it appears due to our XSS attack.

