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REG NO : 18BCE7122

SECURE CODING 2010
LAB - 5

XSS

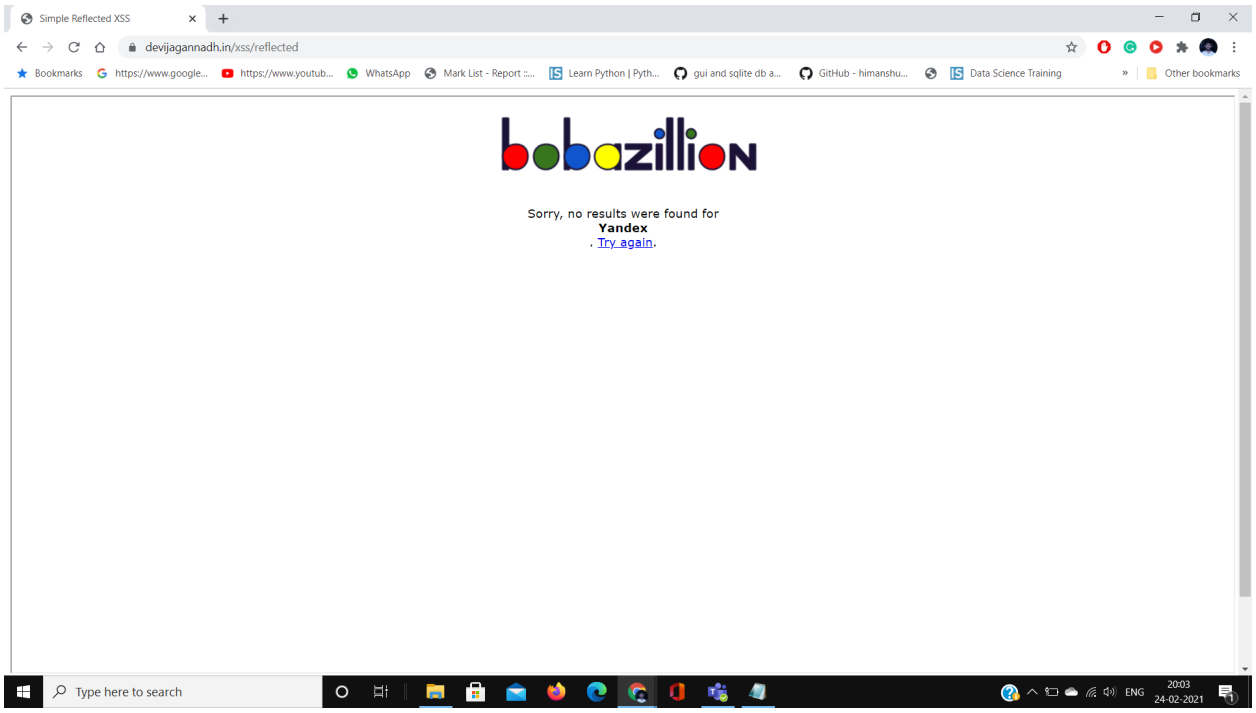
How secure is coding related to XSS?

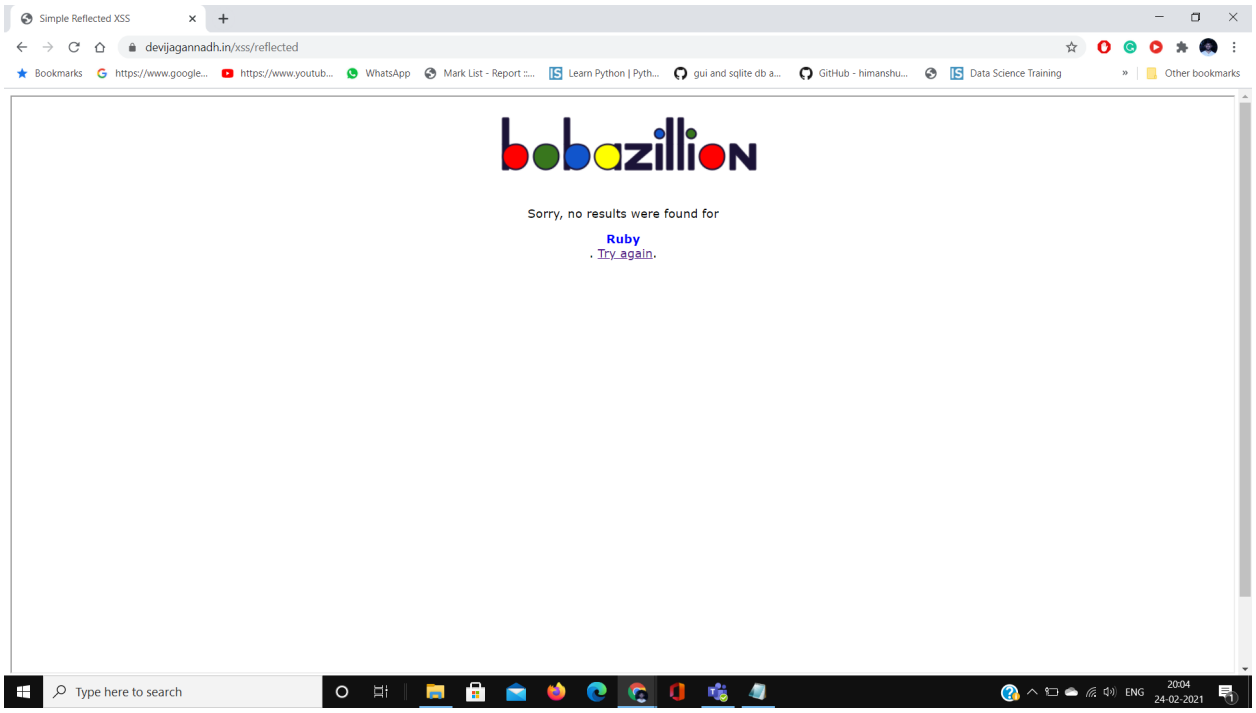
Cross-site scripting (also known as XSS) is a web security vulnerability that allows an attacker to compromise the interactions that users have with a vulnerable application. It allows an attacker to circumvent the same origin policy, which is designed to segregate different websites from each other.

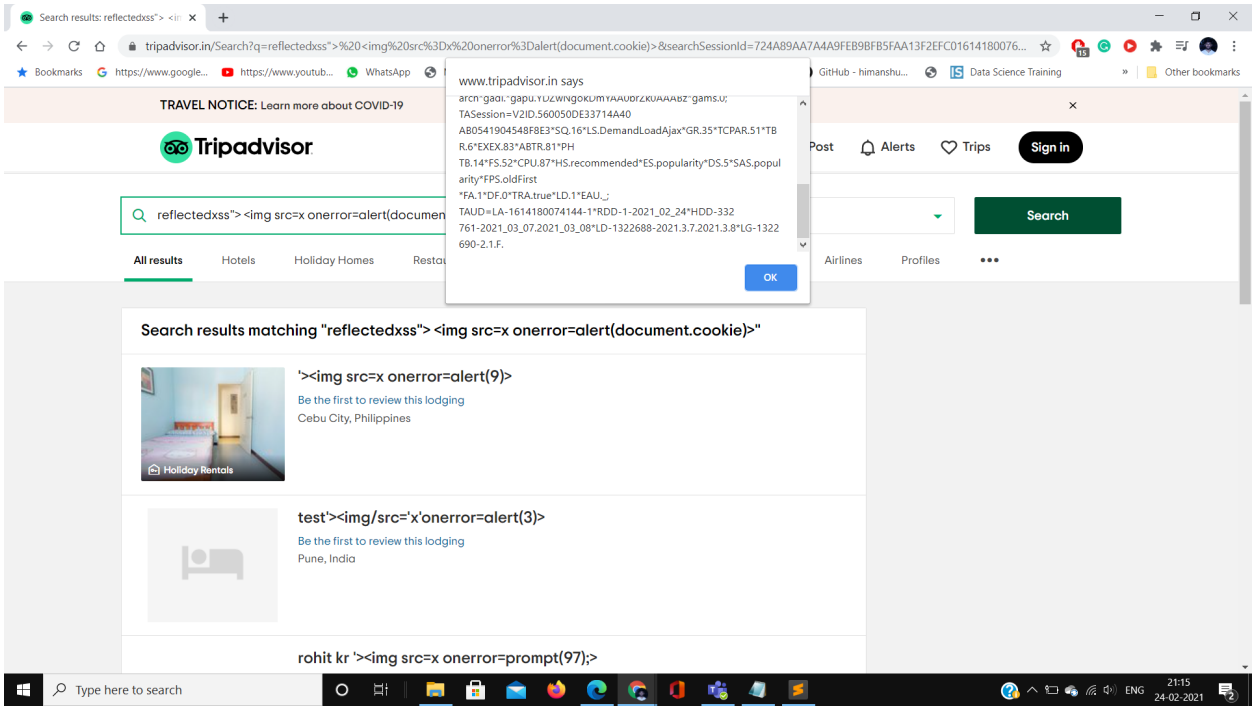
Cross-site scripting vulnerabilities normally allow an attacker to masquerade as a victim user, to carry out any actions that the user is able to perform, and to access any of the user's data. If the victim user has privileged access within the application, then the attacker might be able to gain full control over all of the application's functionality and data.

XSS Reflected

Yandex</br>
vision
<script>alert("SOMETHING IS BIZZARRE!!!")</script>

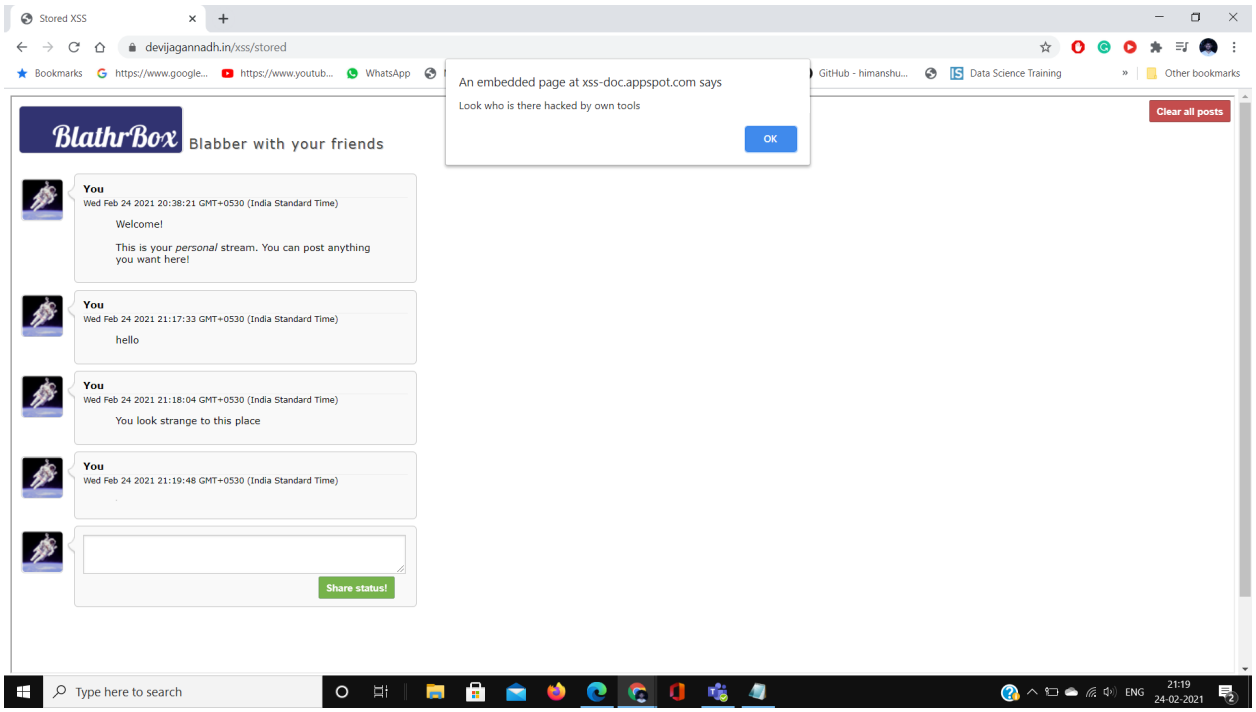






XSS Stored

<img src=x onerror="alert('Look who is there hacked by own tools'');"

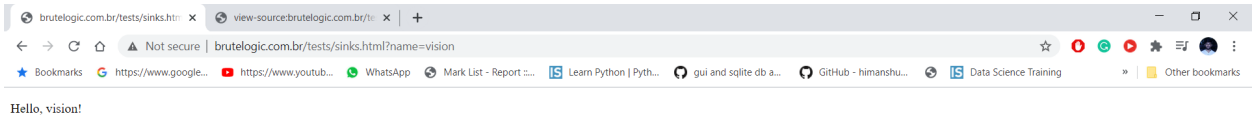


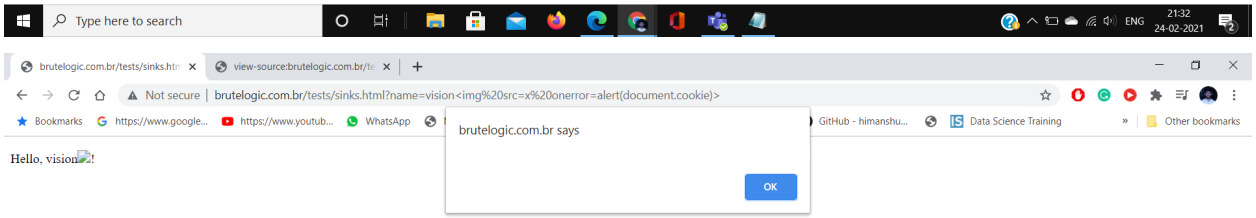
XSS DOM

http://brutelogic.com.br/tests/sinks.html

http://brutelogic.com.br/tests/sinks.html?name=VISION <img src onerror=alert(document.cookies)>

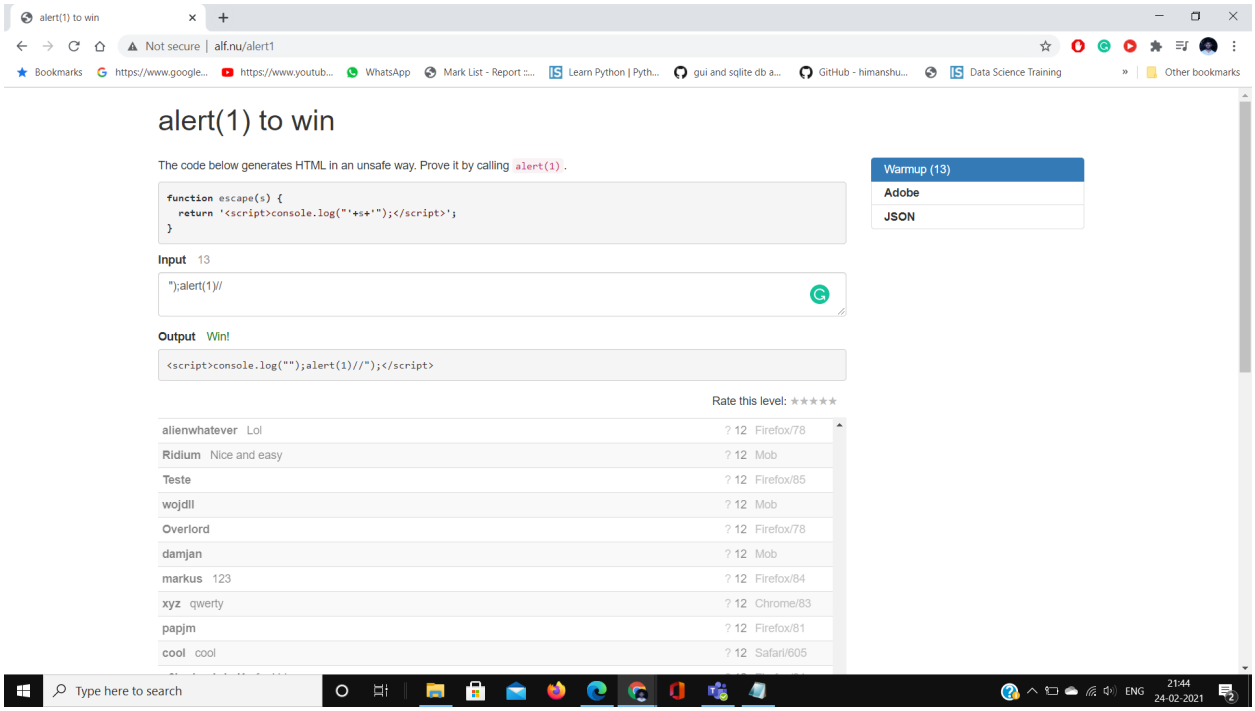
http://brutelogic.com.br/tests/sinks.html?redir=javascript:alert(101)





brutelogic.com.br/tests/sinks.htm
view-source:brutelogic.com.br/te
Not secure | brutelogic.com.br/tests/sinks.html?redir=javascript:alert(101)
Bookmarks
https://www.google...
https://www.youtub...
WhatsApp
GitHub - himanshu...
Data Science Training
Other bookmarks
Hello, guest!
brutelogic.com.br says
101
OK

Waiting for brutelogic.com.br...
Type here to search
ENG
21:37
24-02-2021


alert(1) to win
Not secure | alf.nu/alert1
Bookmarks
https://www.google...
https://www.youtub...
WhatsApp
Mark List - Report ::...
Learn Python | Pyth...
gui and sqlite db a...
GitHub - himanshu...
Data Science Training
Other bookmarks
alert(1) to win
The code below generates HTML in an unsafe way. Prove it by calling alert(1).
function escape(s) {
return '<script>console.log("'+s+'");</script>';
}
Input 13
");alert(1)//
Output Win!
<script>console.log("");alert(1)//");</script>
Rate this level:
Warmup (13)
Adobe
JSON
alienwhatever Lol ? 12 Firefox/78
Ridium Nice and easy ? 12 Mob
Teste ? 12 Firefox/85
wojdll ? 12 Mob
Overlord ? 12 Firefox/78
damjan ? 12 Mob
markus 123 ? 12 Firefox/84
xyz qwerty ? 12 Chrome/83
papjm ? 12 Firefox/81
cool cool ? 12 Safari/605
Type here to search
ENG
21:44
24-02-2021