

Secure Coding CSE-2010

Lab Assignment-5

Name : Nishit Verma

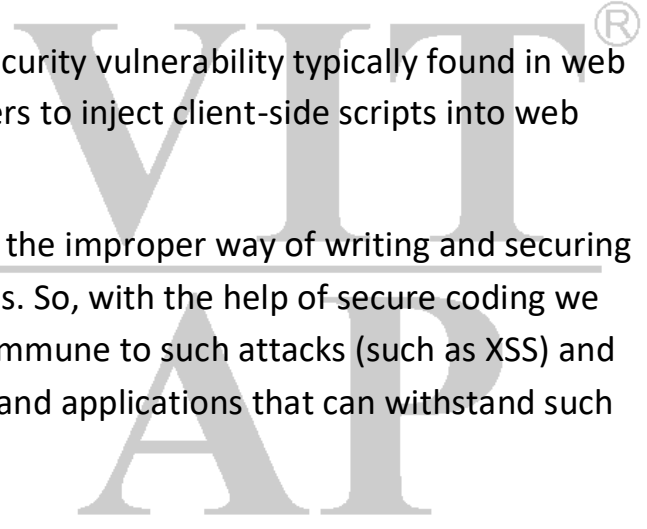
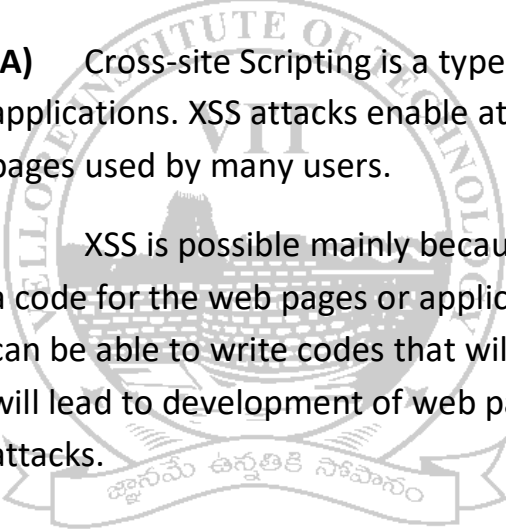
Slot : L23+24

Reg.No : 19BCN7050

(Q) How secure coding is related to XSS?

(A) Cross-site Scripting is a type of security vulnerability typically found in web applications. XSS attacks enable attackers to inject client-side scripts into web pages used by many users.

XSS is possible mainly because of the improper way of writing and securing a code for the web pages or applications. So, with the help of secure coding we can be able to write codes that will be immune to such attacks (such as XSS) and will lead to development of web pages and applications that can withstand such attacks.



(Q) Rxss on demo website.



Search

<script>alert("Welcome to Reflected XSS");</script>


reflected

An embedded page at xss-doc.appspot.com says
Welcome to Reflected XSS

OK

<script>alert("Welcome t

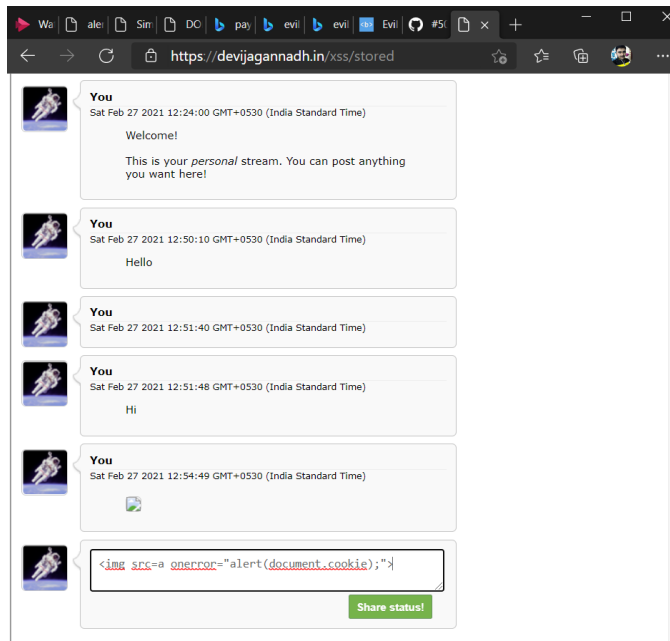
Search



జ్ఞానమే ఉన్నతికి సోపానం

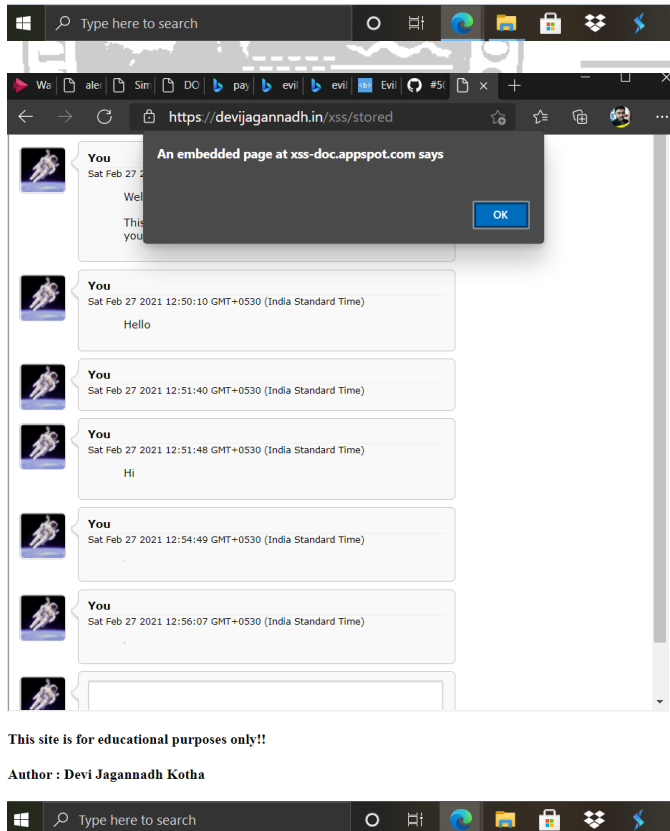
AP

(Q) Stored xss on demo website.



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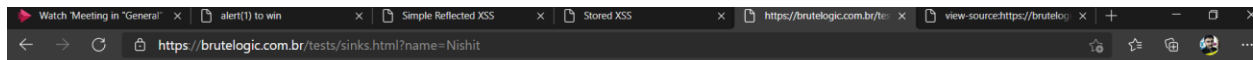
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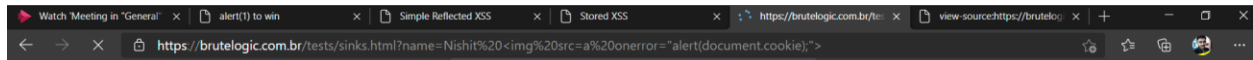
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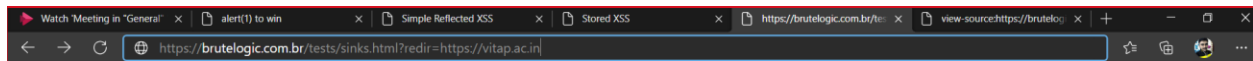
(Q) DOM xss on demo website.



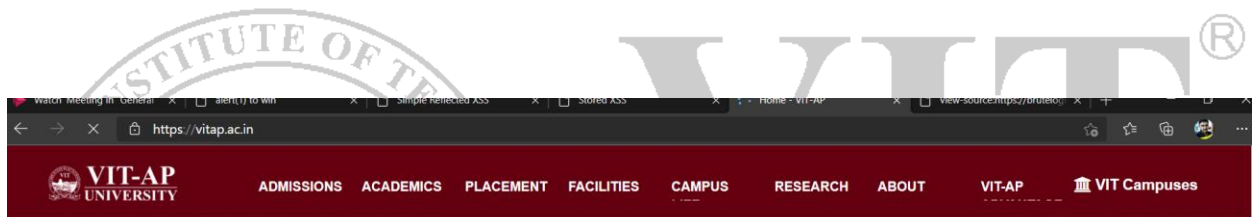
Hello, Nishit!



Hello, Nishit !



Hello, Nishit!



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(Q) Solution of alf.nu/alert1

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 8

Output

```
<script>console.log("alert(1)");</script>
```

Console output

```
alert(1)
```

Test iframe

Warmup

