

Secure Coding Lab 5 Report

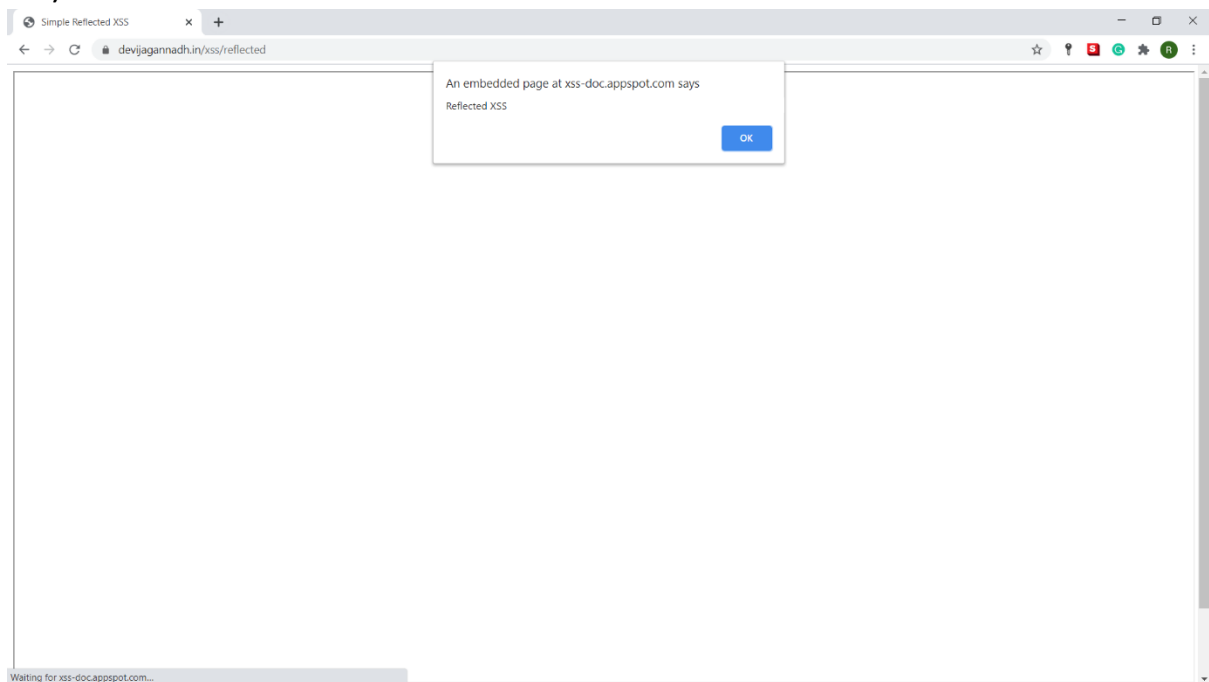
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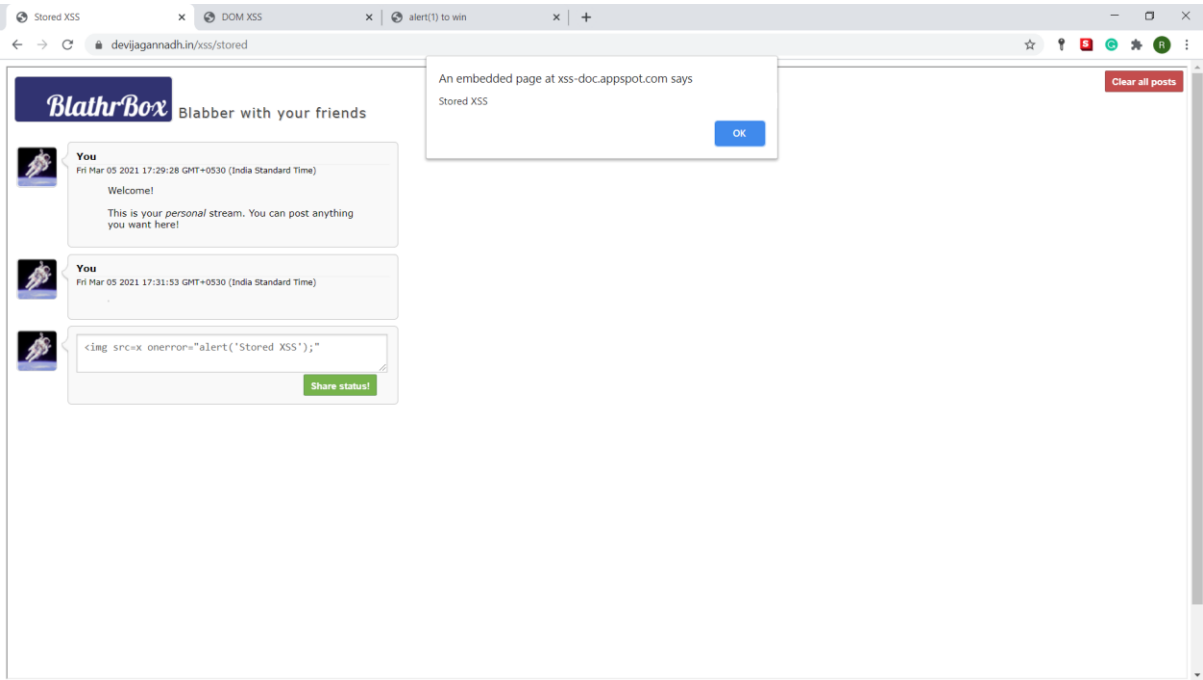
1Q) How secure coding is related to XSS?

A) This is kind of vulnerability which is occurred due to faults in code. If the interactive fields are unable to handle the given input then, there is huge probability of a attack. Therefore, Securely coding is more important than any other thing in mitigating XSS attack.

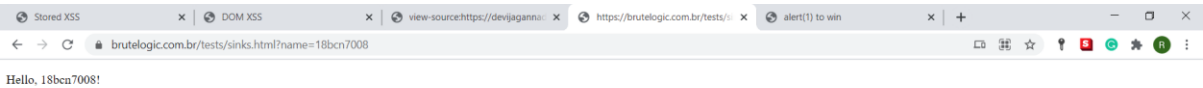
2Q) Reflected XSS on a demo website.



3Q) Stored XSS on a demo website.



4Q) Dom based XSS on a demo website.



5Q) Solution for alf.nu/alert1.

Stored XSS

alert(1) to win

+

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 12

Output Win!

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

Rate this level: *****

User	Score	Browser
ShabbyMe	7.0	Firefox/77
geniusmaster33 don't worry about less than 12 its a hack	7.4	Chrome/86
jay 123	7.11	Chrome/86
Rushik	12	Chrome/88
Sai Vamsi	7.12	Chrome/89
ma	7.12	Chrome/88
Kyzer 12	7.12	Firefox/84
OvO How less ummm	7.12	Chrome/87
rick roll	7.12	Chrome/88
czapek -	7.12	Chrome/87
Terribilis	7.12	Firefox/84
...

Warmup (12)

Adobe

JSON