CSE 2010

LAB REPORT 5

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L39 + L40 SLOT

1. **How secure coding related to XSS?**

   XSS is a vulnerability which allows attackers to inject malicious scripts in a website. There are various types of XSS.
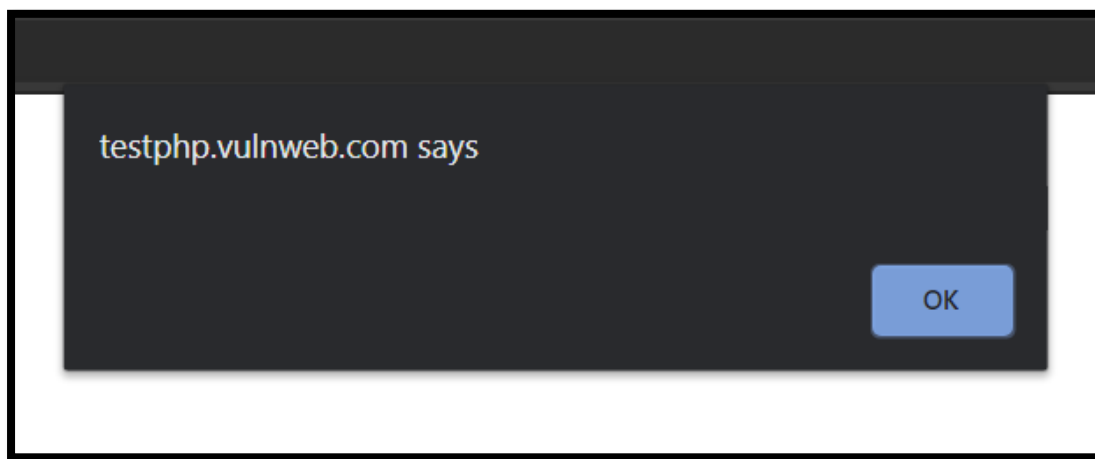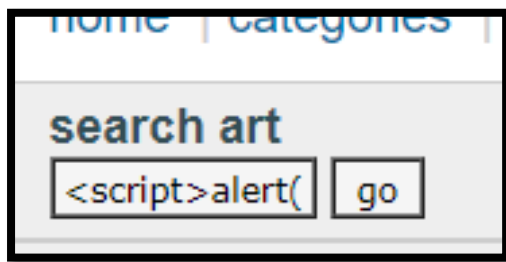
   EX: DOM XSS, stored XSS, reflected XSS

   By taking important measure while creating a website we can avoid being a victim to XSS attack. One such example is input sanitization to avoid attackers from injecting malicious scripts.
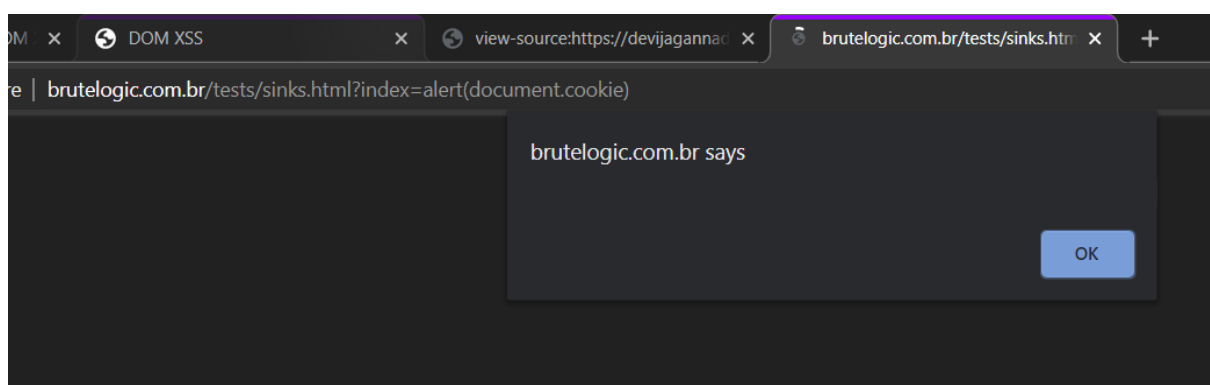
2. Rxss on demo website.
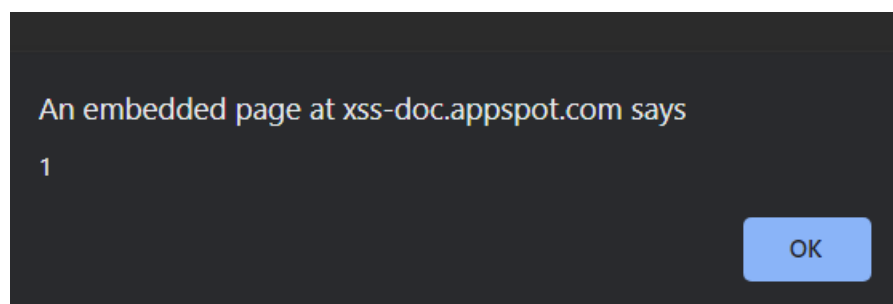
3. Stored xss on demo website.

4. DOM xss on demo website

5. 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 12

```
");alert(1,"
```

Output Win!

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

Rate this level: ★★★★★

User	Score	Browser
... ShabbyMe	? 0	Firefox/77
geniusmaster33 don't worry about less than 12 its a hack	? 4	Chrome/86
jay 123	? 11	Chrome/86
admin	12	Chrome/88
ma	? 12	Chrome/88
Kyzer 12	? 12	Firefox/84
OvO How less ummm	? 12	Chrome/87
-_- rick roll	? 12	Chrome/88
czapek :-|	? 12	Chrome/87
Terribilis	? 12	Firefox/84
DylanB Easy pizy	? 12	Chrome/88