SECURE CODING (CSE 2010)

LAB REPORT-5

Submitted by : Veneela Adapa

Reg no : 18BCN7127

L39+L40 Slot

1. *How secure coding related to XSS?*

XSS occurs when untrusted input (often data) is rendered as output on a page but misinterpreted as executable code. An attacker can place malicious executable code (HTML tags, JavaScript, etc.) within an input parameter, which -- when returned back to the browser -- is then executed instead of displayed as data
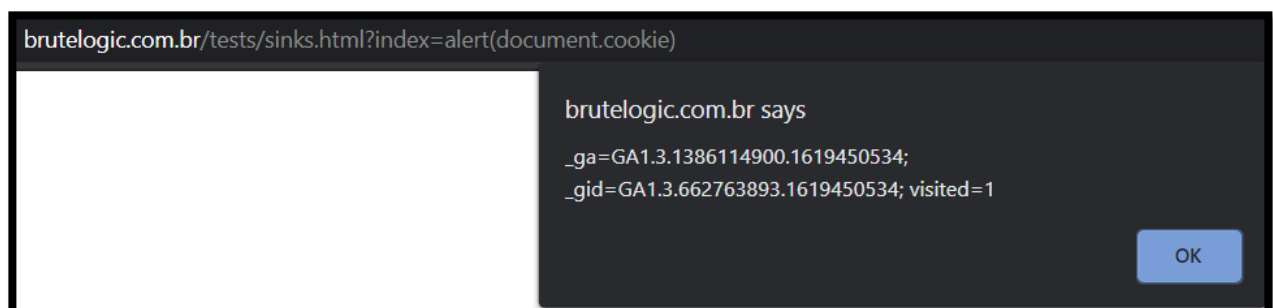
EX: DOM XSS, stored XSS, reflected XSS

2. *Rxss on demo website*
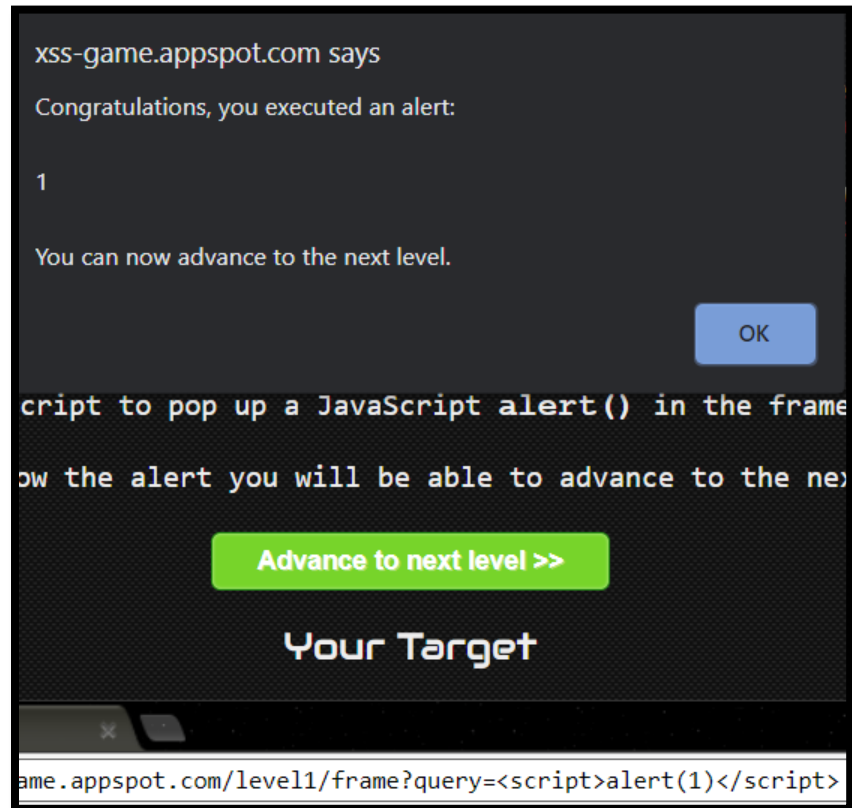
3. *Stored XSS on demo website*
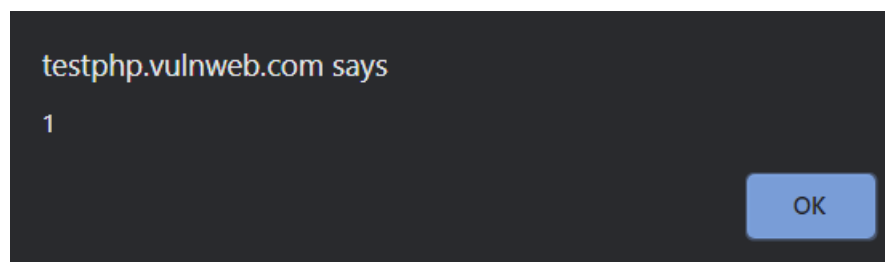
4. *DOM XSS on demo website*

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
Makonede monke	? 1	Chrome/69420
geniusmaster33 don't worry about less than 12 its a hack	? 4	Chrome/86
jay 123	? 11	Chrome/86
admin	12	Chrome/90