

# **Secure Coding (CSE 2010)**

## **LAB Experiment: 5**

Done by,

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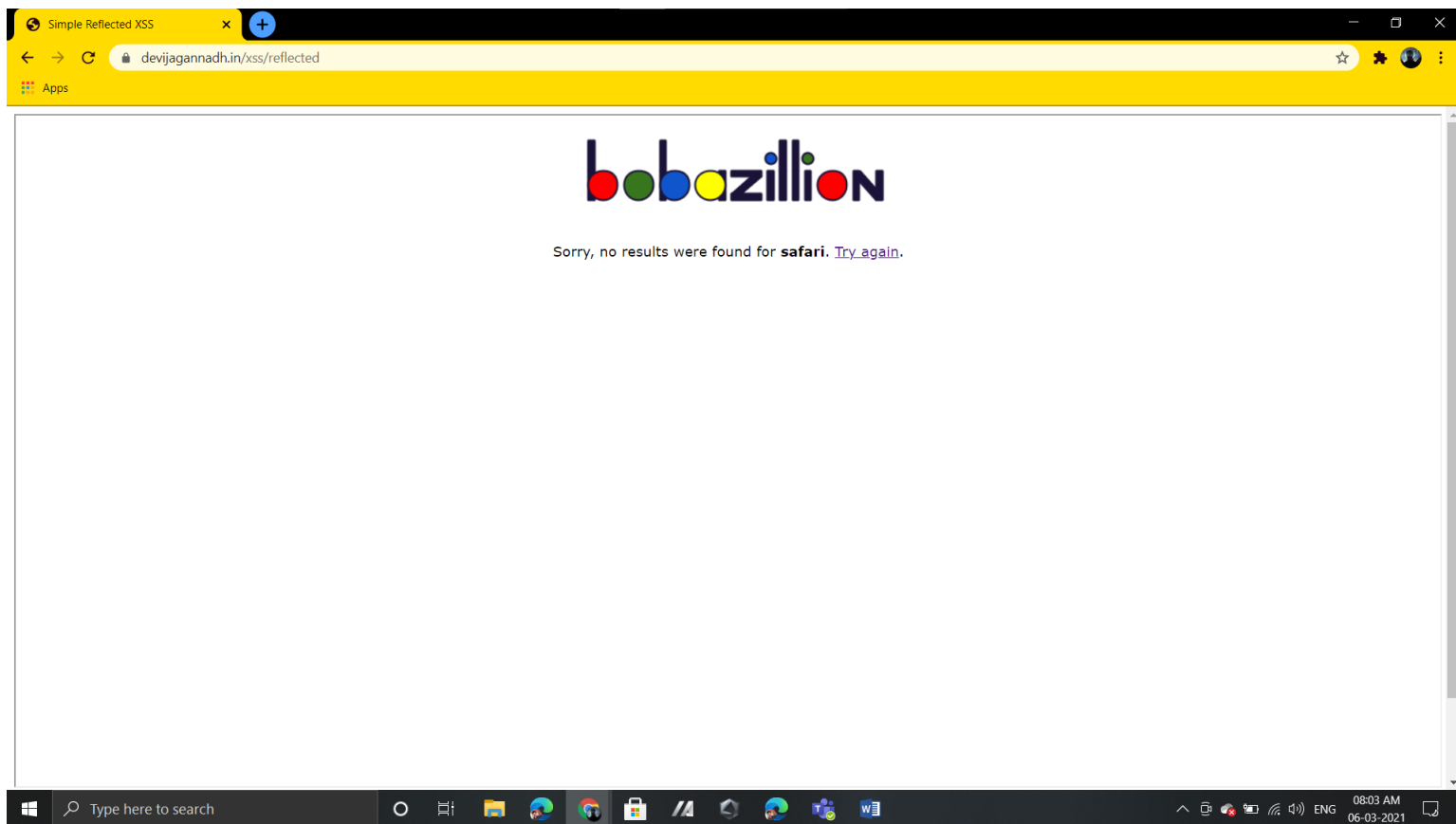
SLOT: L23+L24

## Question 1: How secure coding related to XSS?

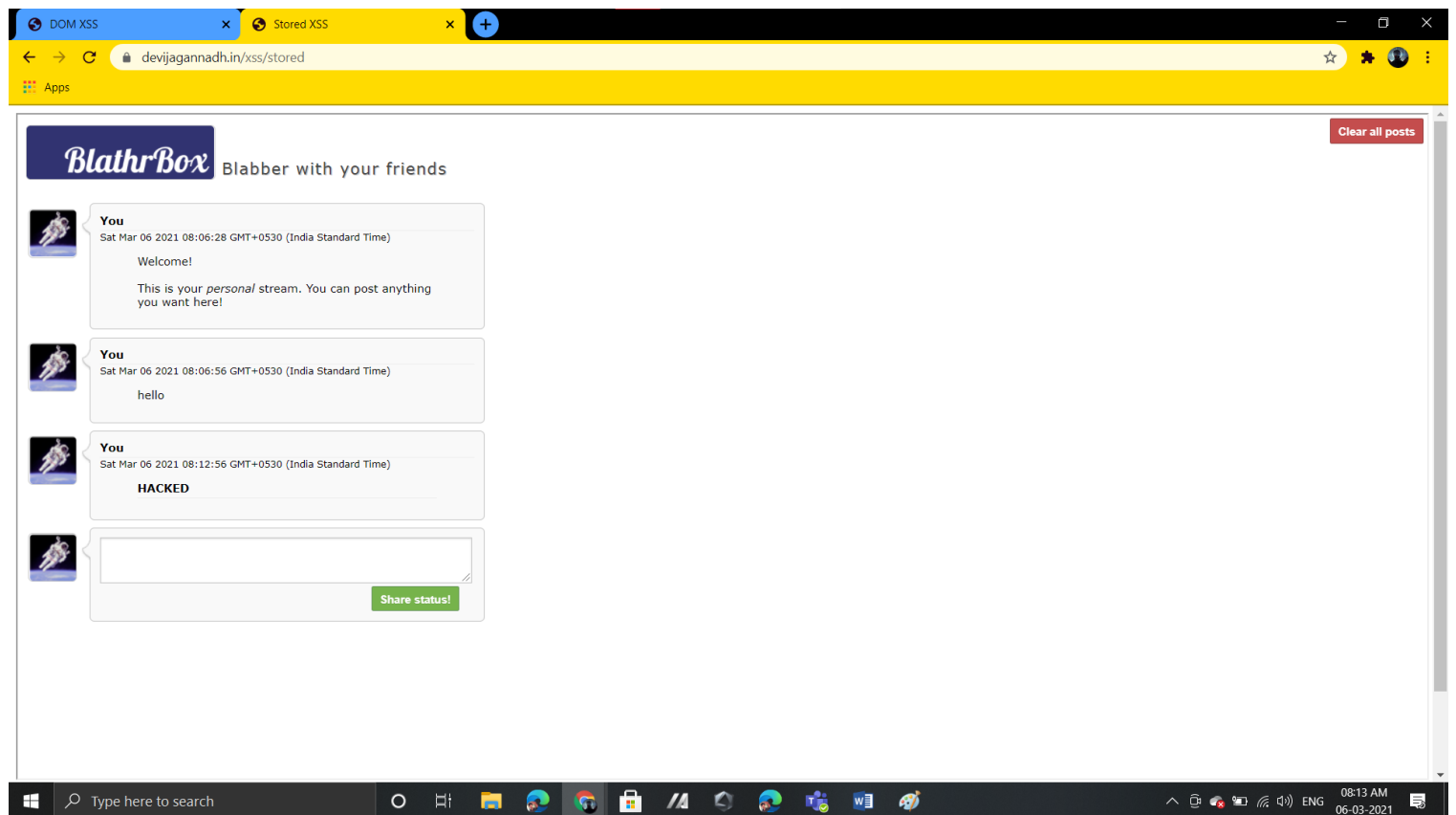
**ANS:** Cross Site Scripting (XSS) is a vulnerability in a web application that allows a third party to execute a script in the user's browser on behalf of the web application, various consequences such as account compromise, account deletion, privilege escalation, malware infection and many more. Secure development can help avoid having any security holes in the product and can be defensively strategize the application safety.

## Question 2: Rxss on demo website

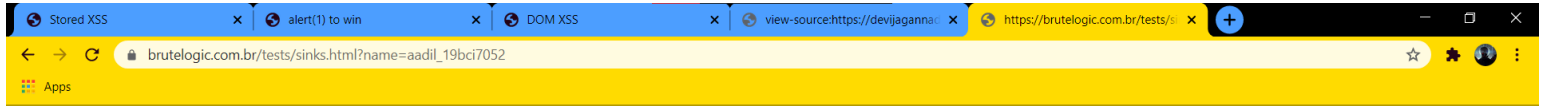
**ANS:**



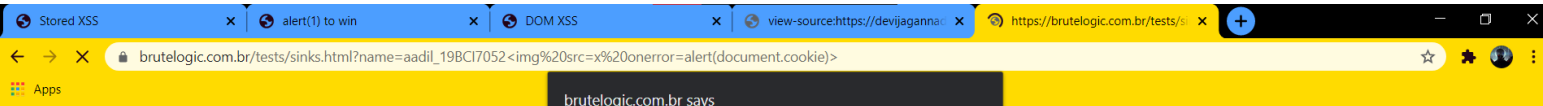
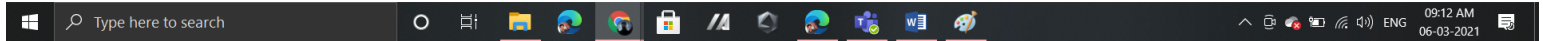
### Question 3: Stored xss on demo website



### Question 4: DOM xss on demo website



Hello, aadil\_19bci7052!



Hello, aadil\_19BCI7052!

Waiting for brutelogic.com.br...



## Question 5: Challenge : 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>
```

Warmup (12)

Adobe

JSON

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
<input type="text" value="Aadil_19BCI7052"/> <input type="text" value="Comment"/>	12	Chrome/88
Sai Vamsi	? 12	Chrome/89
ma	? 12	Chrome/88
Kyzer 12	? 12	Firefox/84
OvO How less ummm	? 12	Chrome/87
rick roll	? 12	Chrome/88