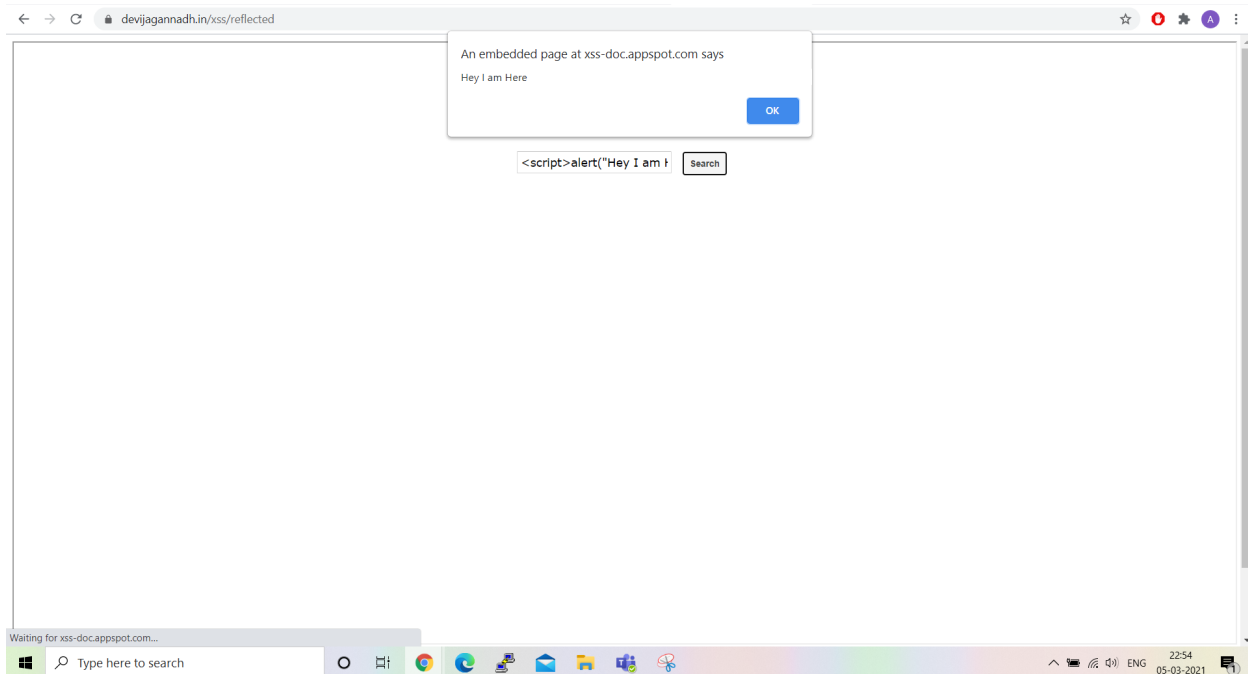


# Secure Coding

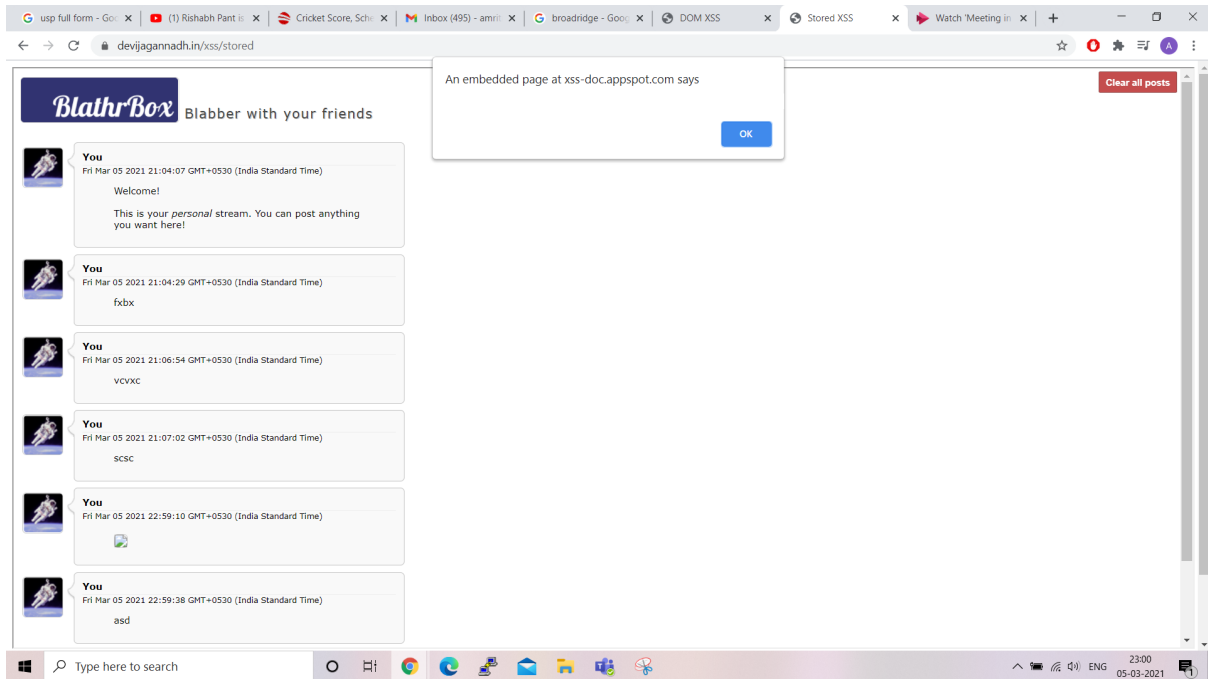
## Lab-5

Amritmoy Pain  
18BCE7344

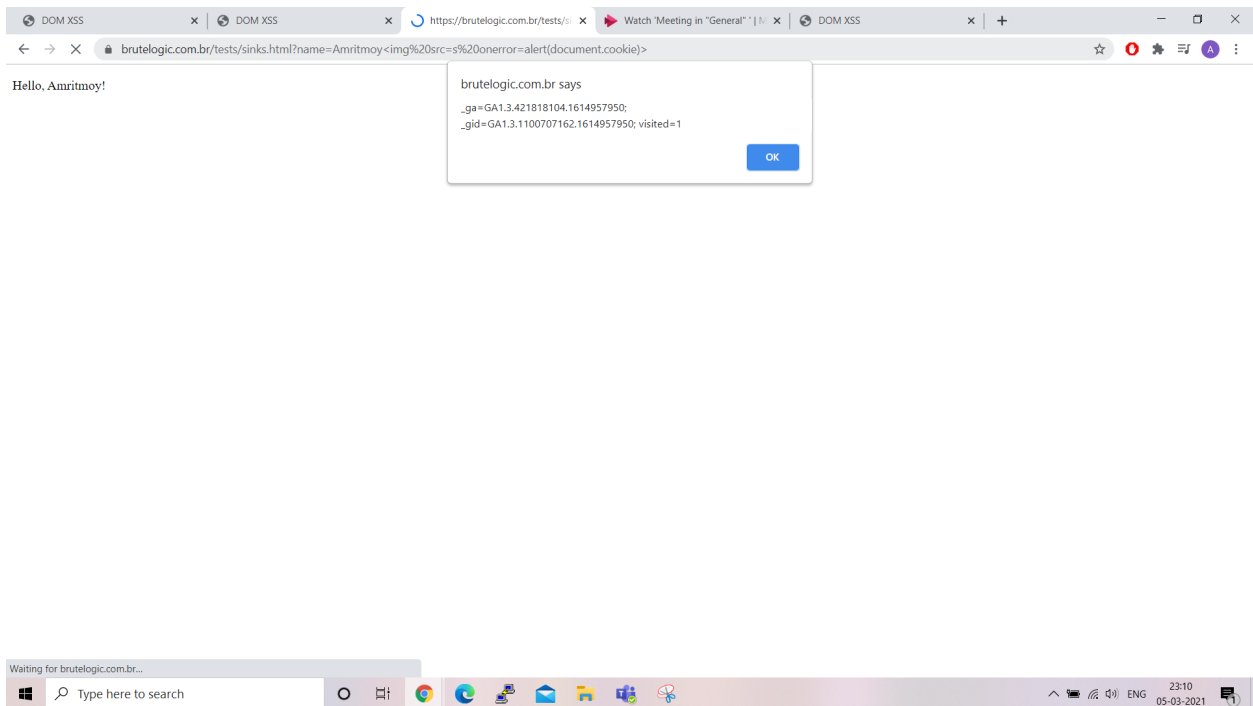
- How secure coding is related to XSS?  
Cross-site Scripting (XSS) is a security vulnerability usually found in websites and/or web applications that accept user inputs. Examples of these include search engines, login forms, message boards and comment boxes. Cybercriminals can exploit this vulnerability to take advantage of various people by compromising their Data. By adopting safe practises under secure coding we can avoid such vulnerabilities and keep data secure.
- Rxss on demo website.



- Stored xss on demo website



- DOM xss on demo website



- alert(1) to win challenge solution

## 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 34

Output Win!

```
<script>console.log("18bce7344");alert(1);console.log("");</script>
```

Console output

```
18bce7344
```

Warmup (21)

Adobe

JSON

Rate this level: ★★★★★

msg	time	ip	browser
toto		?	12 Firefox/85
:{ 3		?	12 Chrome/88
DJ		?	12 Chrome/88
sanatani <3		?	12 Firefox/86
JVOUSBZ NTM		?	12 Firefox/86
rootbabu noobdya question		?	12 Chrome/87
yangzikang 11? 4? 0? whaaaaaaaaa?		?	12 Chrome/70
samovitch ok		?	12 Chrome/87