

**CHANDIGARH UNIVERSITY  
UNIVERSITY INSTITUTE OF NGINEERING  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**



<b>Submitted By:</b> Vivek Kumar(21BCS8129)		<b>Submitted To:</b> Er. Himanshi (13362)	
<b>Subject Name</b>	Web and Mobile Security Lab		
<b>Subject Code</b>	20CSP-338		
<b>Branch</b>	Computer Science and Engineering		
<b>Semester</b>	5 <sup>th</sup>		

## Experiment - 2

**Student Name: Vivek Kumar**

**UID: 21BCS8129**

**Branch: BE-CSE(LEET)**

**Section/Group: WM-20BCS-616/A**

**Semester: 5<sup>th</sup>**

**Date of Performance: 19/08/2022**

**Subject Name: Web and Mobile Security Lab**

**Subject Code: 20CSP-338**

### 1. Aim/Overview of the practical:

Design a method to simulate the HTML injection and cross-site scripting to exploit the attacker.

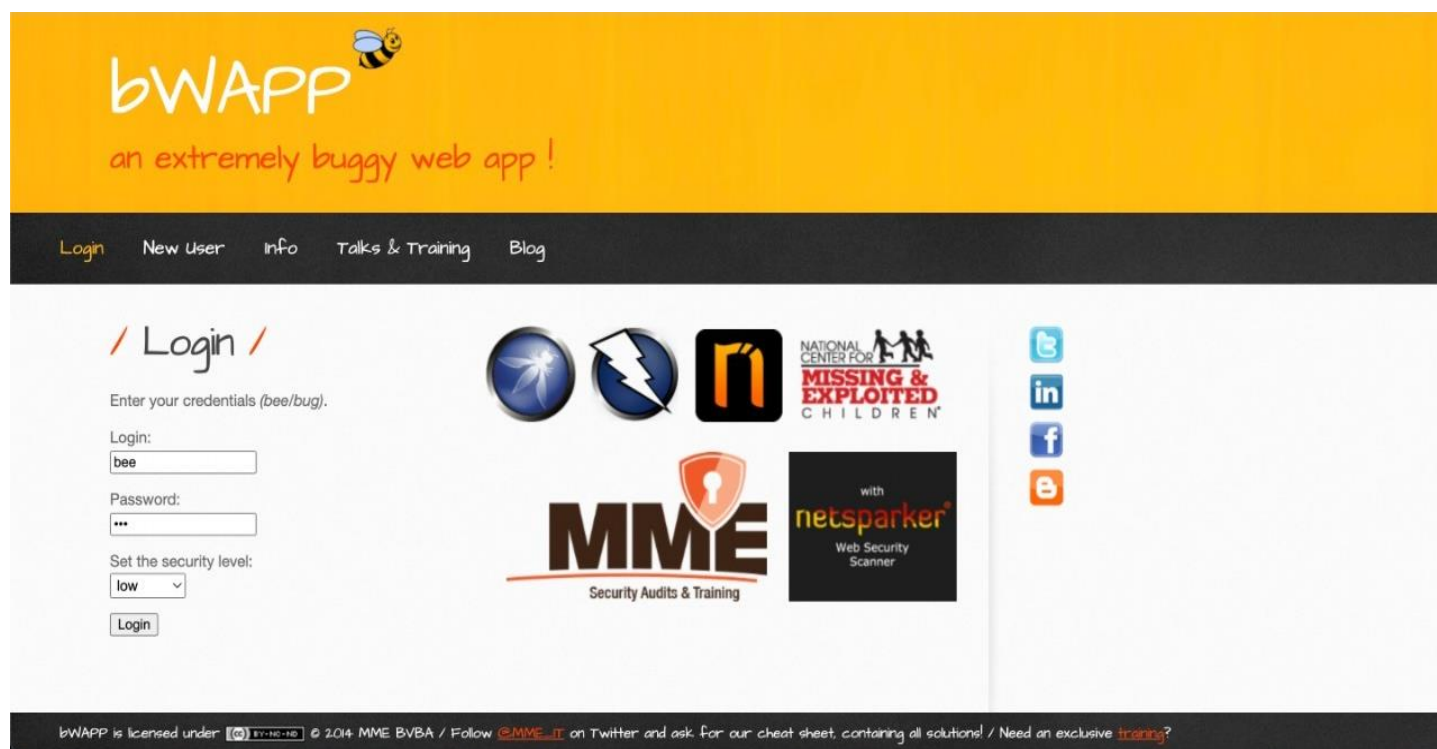
### 2. Task to be done/ Which logistics used:


Analyse the HTML injection.

### 3. Requirements (For programming-based labs):

PC with Windows 7 or above.

### 4. Result/Output/Writing Summary:





an extremely buggy web app !

bWAPP v2.2
Hack

Set your security level:  
low Set Current: low





[Bugs](#)
[Change Password](#)
[Create User](#)
[Set Security Level](#)
[Reset](#)
[Credits](#)
[Blog](#)
[Logout](#)
[Welcome Bee](#)





/ Portal /


bWAPP, or a buggy web application, is a free and open source deliberately insecure web application. It helps security enthusiasts, developers and students to discover and to prevent web vulnerabilities. bWAPP covers all major known web vulnerabilities, including all risks from the OWASP Top 10 project! It is for security-testing and educational purposes only.

Which bug do you want to hack today? :)

bWAPP v2.2  
/ A1 - Injection /  
HTML Injection - Reflected (GET)  
HTML Injection - Reflected (POST)  
HTML Injection - Reflected (Current URL)  
HTML Injection - Stored (Blog)  
iFrame Injection  
LDAP Injection (Search)  
Mail Header Injection (SMTP)  
Hack



an extremely buggy web app !





Choose your bug  
bWAPP v2.2 Hack


Set your security level:  
low Set Current: low


[Bugs](#)
[Change Password](#)
[Create User](#)
[Set Security Level](#)
[Reset](#)
[Credits](#)
[Blog](#)
[Logout](#)
[Welcome Bee](#)

/ HTML Injection - Reflected (GET) /

Enter your first and last name:  
First name:  
Last name:  
Go

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✉ egov@cumail.in

# bwAPP

an extremely buggy web app !

bwAPP v2.2

Hack

Set your security level:  

low

Set

 Current: low

[Bugs](#) [Change Password](#) [Create User](#) [Set Security Level](#) [Reset](#) [Credits](#) [Blog](#) [Logout](#) [Welcome Bee](#)

## / HTML Injection - Reflected (GET) /





Enter your first and last name:


First name:

Last name:

Welcome  
**/ round /**

ramesh

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# bwAPP

an extremely buggy web app !

Choose your bug:  
bwAPP v2.2

Hack

Set your security level:  

low

Set

 Current: medium





[Bugs](#) [Change Password](#) [Create User](#) [Set Security Level](#) [Reset](#) [Credits](#) [Blog](#) [Logout](#) [Welcome Bee](#)


## / HTML Injection - Reflected (GET) /

Enter your first and last name:


First name:

Last name:

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an extremely buggy web app !

Choose your bug:  

bWAPP v2.2

 Hack

Set your security level:  

low

 Set Current: medium

Bugs Change Password Create User Set Security Level Reset Credits Blog Logout Welcome Bee

## / HTML Injection - Reflected (GET) /





Enter your first and last name:


First name:

Last name:

Go

Welcome <h1>round1</h1> <p>ramesh</p>



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an extremely buggy web app !

Choose your bug:  

bWAPP v2.2

 Hack

Set your security level:  

low

 Set Current: medium

Bugs Change Password Create User Set Security Level Reset Credits Blog Logout Welcome Bee

## / HTML Injection - Reflected (GET) /

Enter your first and last name:

First name:

Last name:

Go

Welcome

/ This is something random text which will



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## URL Decoder/Encoder

%3Ch1%3EThis%20is%20something%20random%20text%20which%20will%20get%20encrypted.%3C%2Fh1%3E

Decode Encode

- Input a string of text and encode or decode it as you like.
- Handy for turning encoded JavaScript URLs from complete gibberish into readable gibberish.
- If you'd like to have the URL Decoder/Encoder for offline use, just view source and save to your hard drive.

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This tool is provided without warranty, guarantee, or much in the way of explanation. Note that use of this tool may or may not crash your browser, lock up your machine, erase your hard drive, or e-mail those naughty pictures you hid in the Utilities folder to your mother. Don't blame me if anything bad happens to you, because it's actually the aliens' fault. The code expressed herein is solely that of the author, and he's none too swift with the JavaScript, if you know what we mean, so it's likely to cause giggle fits in anyone who knows what they're doing. Not a flying toy. Thank you for playing. Insert coin to continue.

## URL Decoder/Encoder

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## 5. Observations/Discussions/ Complexity Analysis:

In this Experiment we have learn about the HTML injection and XSS injection how it works on our network and websites.

**Learning outcomes (What I have learnt):**

1. Learned what HTML injection
2. Learned how these attacks are constructed and applied to real system.
3. Learned about security level and HTML injection at each level.

**Evaluation Grid (To be created per the faculty's SOP and Assessment guidelines):**

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Worksheet completion including writing learning objectives/Outcomes. (To be submitted at the end of the day).		
2.	Post-Lab Quiz Result.		
3.	Student Engagement in Simulation/Demonstration/Performance and Controls/Pre-Lab Questions.		
	Signature of Faculty (with Date):	Total Marks Obtained:	