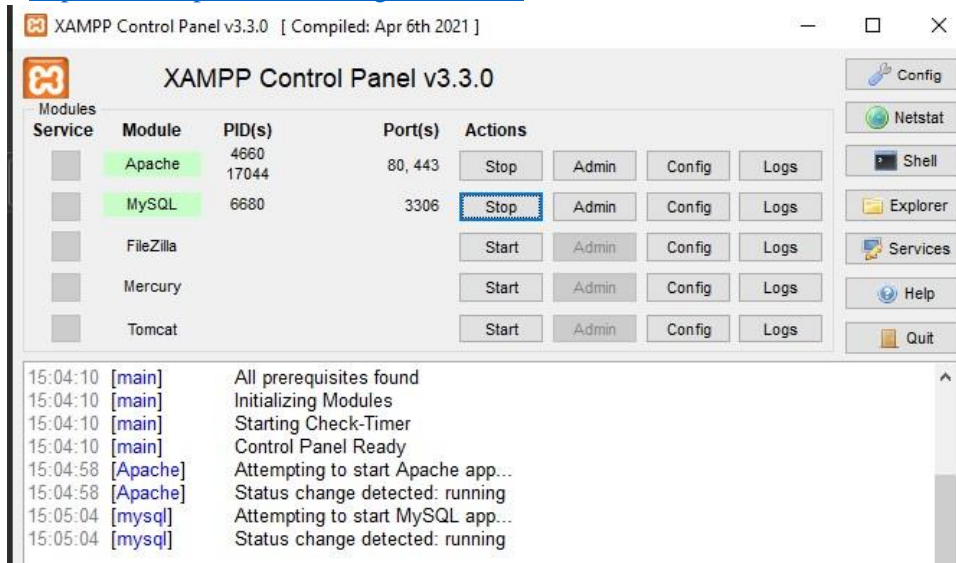


## A. Hack a website by Remote File Inclusion

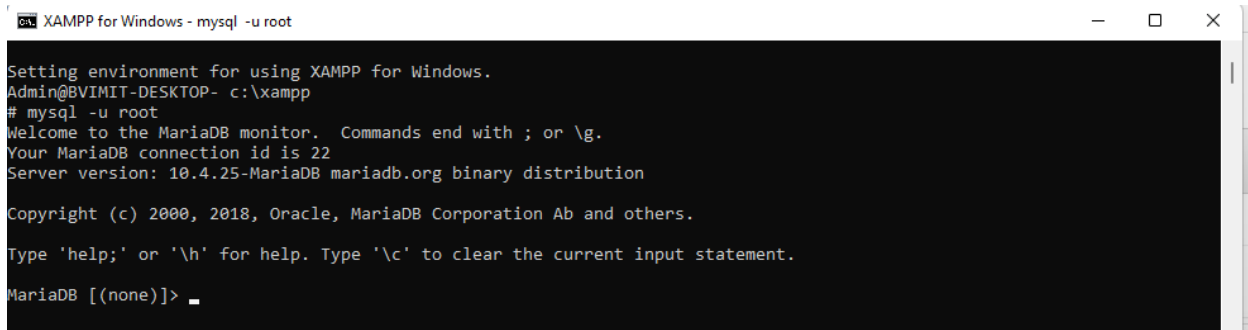
A. Building a Web Hacking Lab (w/ XAMPP and DVWA) :

1. Install XAMPP : XAMPP

- <https://www.apachefriends.org/index.html> o Create database



Enter `mysql -u root`



```
XAMPP for Windows - mysql -u root
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
5 rows in set (0.001 sec)

MariaDB [(none)]> create database mcab24_eh
>
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mcab24_eh |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
6 rows in set (0.001 sec)

MariaDB [(none)]> create database dvwa;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> show databases;
ERROR 2006 (HY000): MySQL server has gone away
No connection. Trying to reconnect...
Connection id: 29
Current database: *** NONE ***

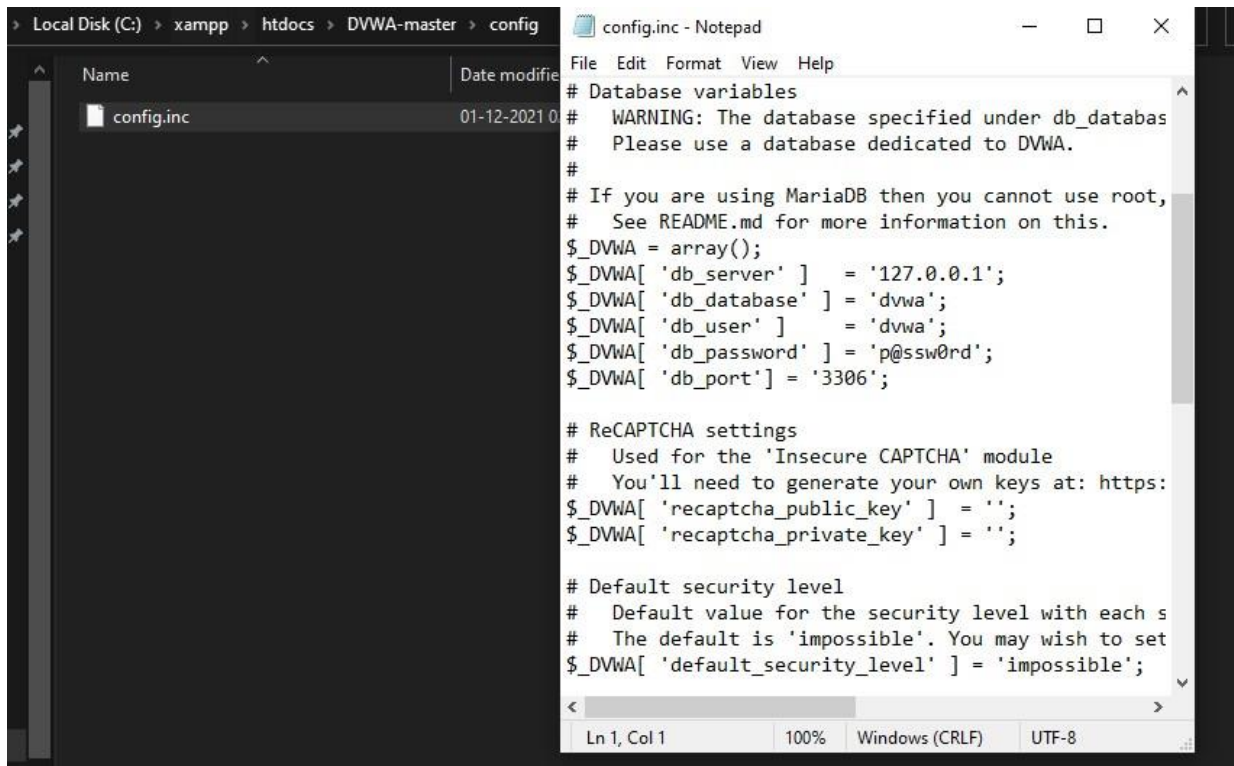
+-----+
| Database |
+-----+
| dvwa |
| information_schema |
| mcab24_eh |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
7 rows in set (0.004 sec)

MariaDB [(none)]>
```

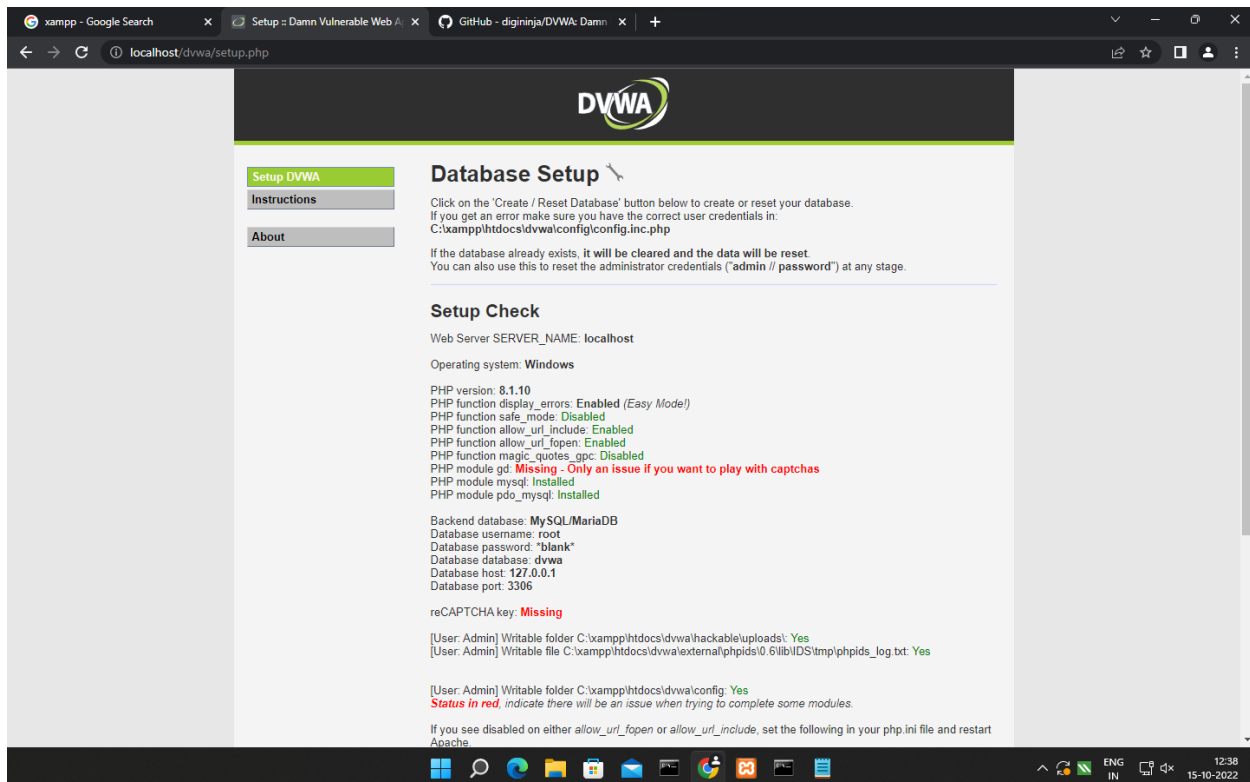
- Download DVWA-master.zip
- Install DVWA in C:\xampp\htdocs

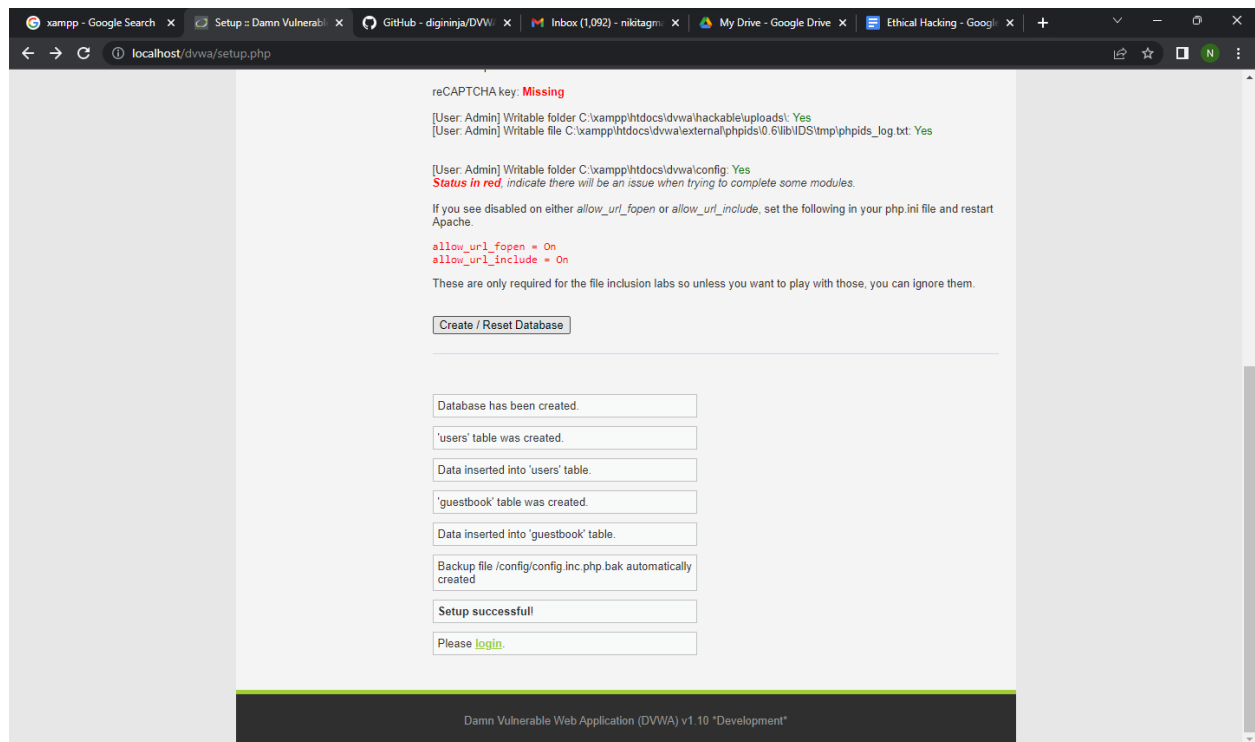
Name	Date modified	Type	Size
chatify-demo-master	16-07-2021 12:36 PM	File folder	
dashboard	15-05-2021 06:10 PM	File folder	
DVWA-master	01-12-2021 02:29 PM	File folder	
img	15-05-2021 06:10 PM	File folder	
rjobold	27-05-2021 09:49 AM	File folder	
webalizer	15-05-2021 06:10 PM	File folder	
xampp	15-05-2021 06:10 PM	File folder	
applications	27-08-2019 07:32 PM	Chrome HTML Do...	4 KB
bitnami	27-08-2019 07:32 PM	Cascading Style S...	1 KB
DVWA-master	10-12-2021 03:08 PM	WinRAR ZIP archive	1,351 KB
favicon	16-07-2015 09:02 PM	Icon	31 KB
index	16-07-2015 09:02 PM	PHP File	1 KB

Goto C:\xampp\htdocs\DVWA-master\config. Change the file name config.inc.php.dist to config.inc.php



In the browser, enter <http://localhost/dvwa-master/setup.php>. Scroll below to find:





Next, it opens the window below: <http://localhost/DVWA-master/login.php>



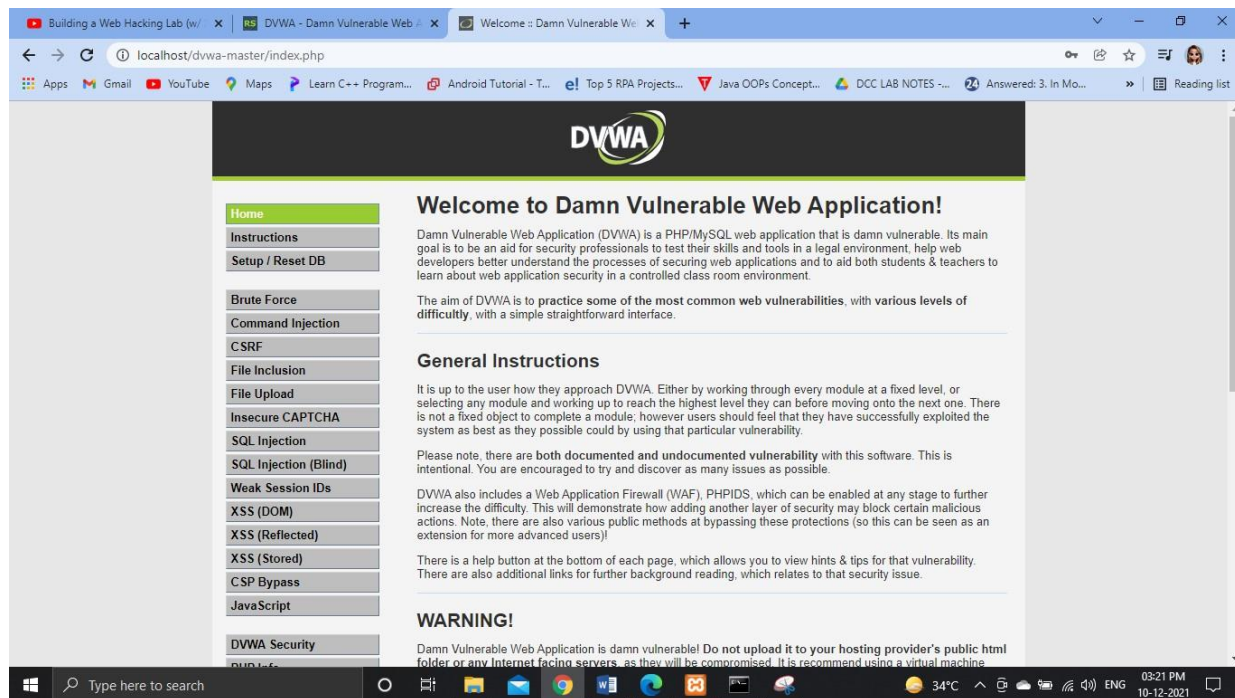
Username

Password

Login

Enter default credentials username =admin and password=password

We are now logged into DVWA



Local file inclusion and Remote file inclusion

What is DVWA?

□ PHP/MySQL web application that is vulnerable.

□ Main goals:

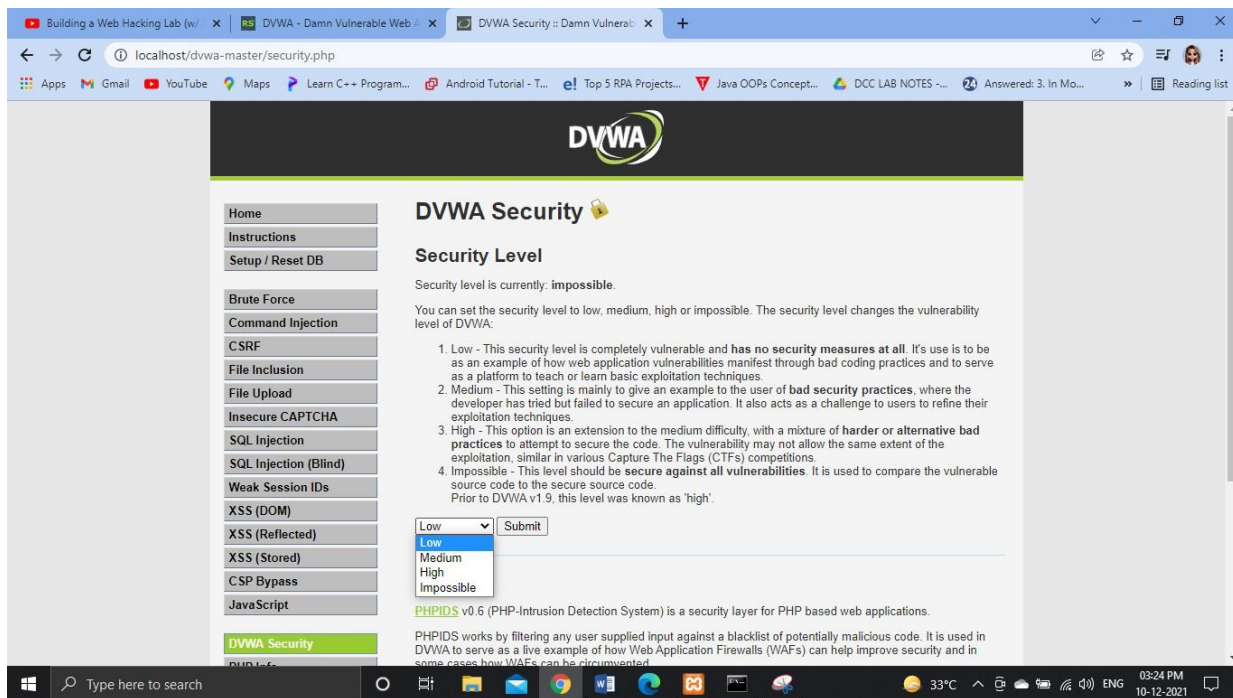
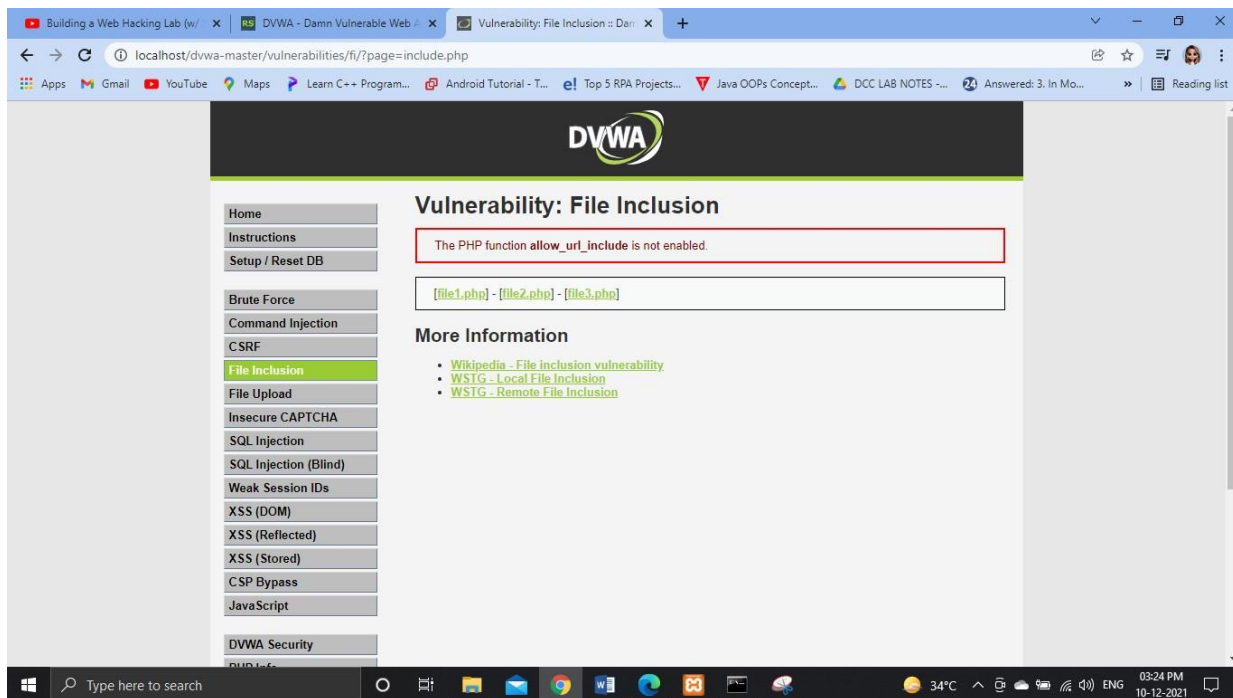
- To be an aid for security professionals to test their skills and tools in a legal environment
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a. A website attack named Remote file inclusion is basically a one of the most common vulnerability found in web application. This type of vulnerability allows the Hacker or attacker to add a remote file on the web server. If the attacker gets successful in performing the attack he/she will gain access to the web server and hence can execute any command on it.

**Questions:**

1. Create a login.php/registration.php for your website. Perform local file inclusion using DVWA.

Go to <http://localhost/DVWA-master/vulnerabilities/fi/?page=include.php>



On the address bar, set page attribute to <http://localhost/sqlinjection/login.php>

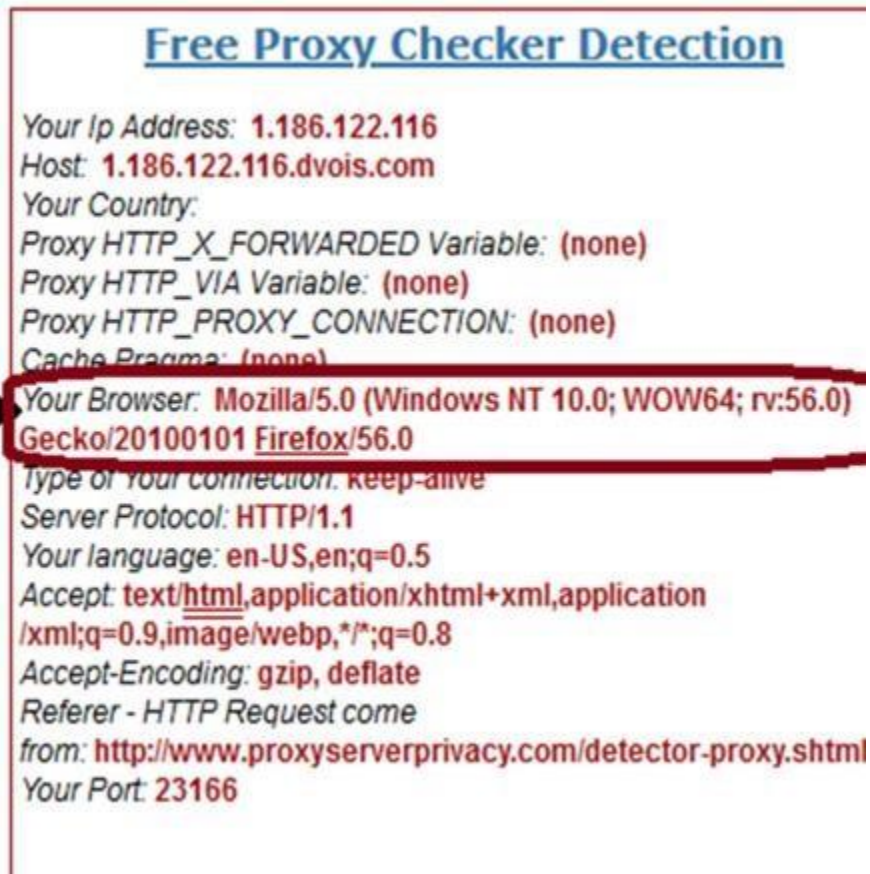
2. Perform remote file inclusion using DVWA. Display the home page of [www.google.com](http://www.google.com)  
On the address bar, set page attribute to <http://www.google.com>



## B. Disguise as Google Bot to view Hidden Content of a Website

Step 1: To determine the user agent of firefox:

- Go to Mozilla –<http://www.proxyserverprivacy.com/>
- Select detector proxy
- Select advanced proxy detector. Output:



Step 2: To find out the string for google bot. To change the above useragent to googlebot a. Goto

<http://useragentstring.com/>

- Locate the string for google bot Googlebot/2.1 (+<http://www.googlebot.com/bot.html>)

Step 3:

Configure

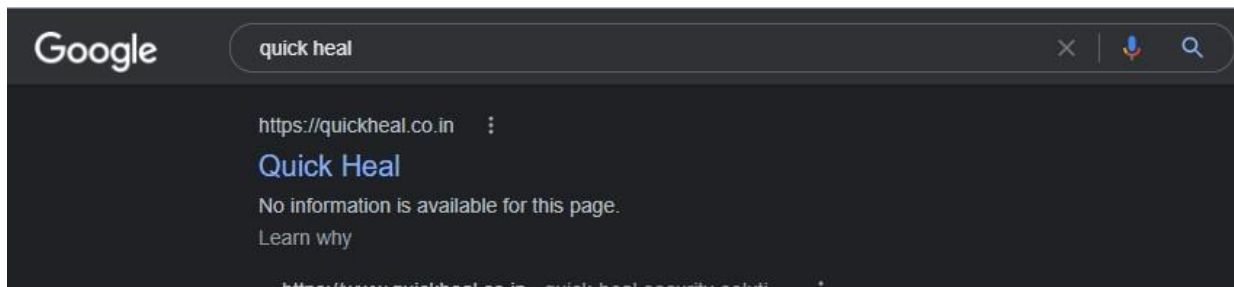
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- Type about: config
- Type general.useragent.override and assign Googlebot/2.1 (+<http://www.googlebot.com/bot.html>)



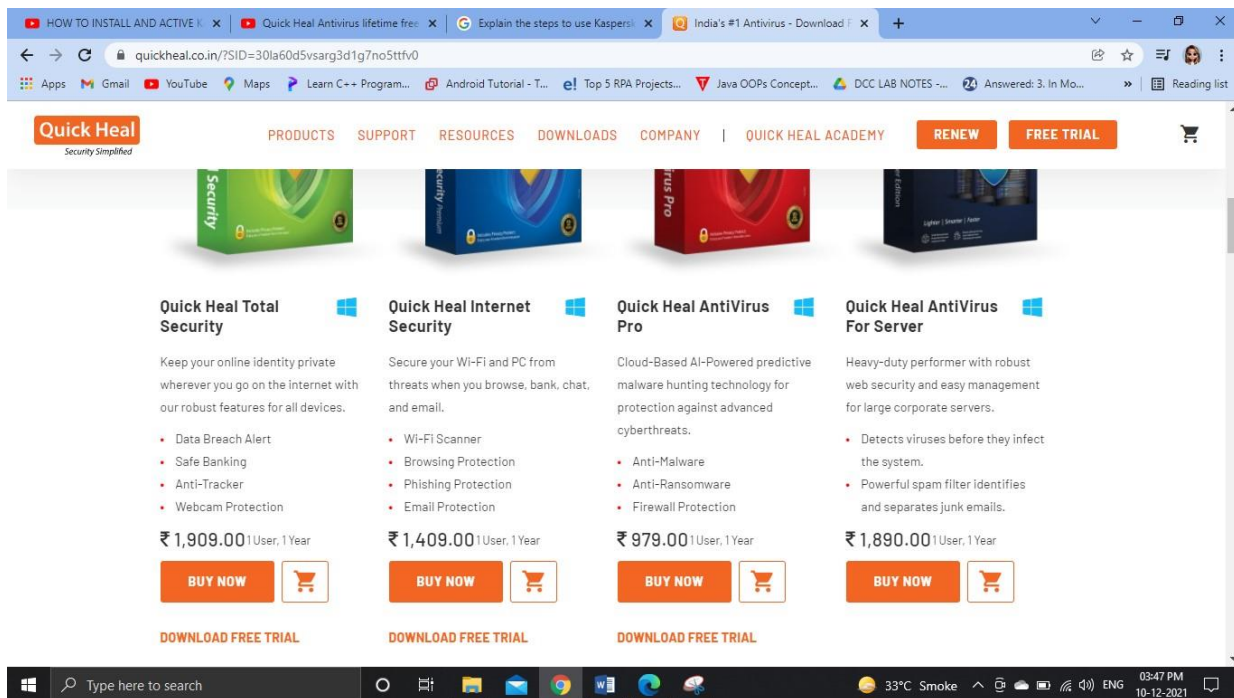
d. Goto <http://www.proxyserverprivacy.com/> to check that the useragent is googlebot

### C. Use Kaspersky/Quick Heal for Lifetime without Patch

Step 1: search for quick heal website on google



Step2: Download trial version



Step3: After 30 days of trial, uninstall the application

Step4: Again download the trial version of it, likewise you can use quick heal for lifetime by downloading its trial version every month.

### c. How to use Kaspersky for Lifetime without Patch

- a. Explain the steps to use Kaspersky /Quick for lifetime.

Reference

[https://www.youtube.com/watch?v=wn\\_JbYnKax0](https://www.youtube.com/watch?v=wn_JbYnKax0)

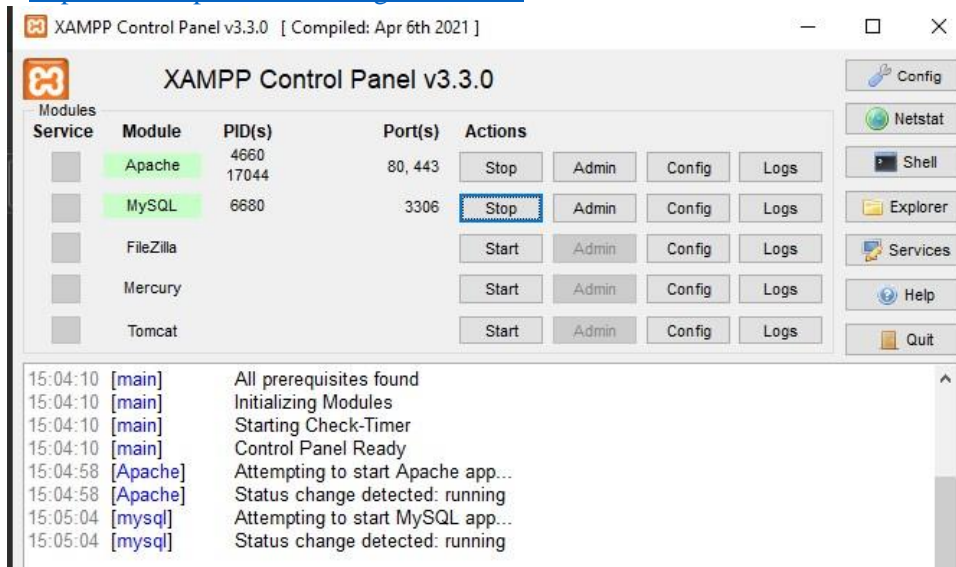
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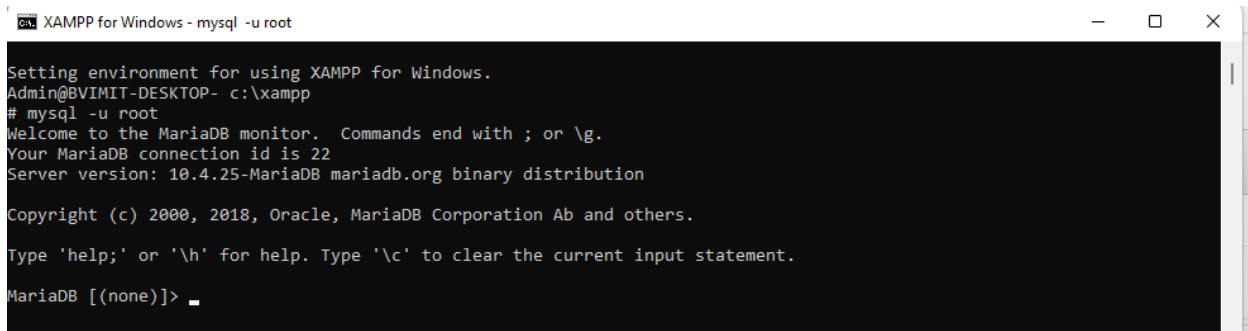
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5 rows in set (0.001 sec)

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Query OK, 1 row affected (0.001 sec)

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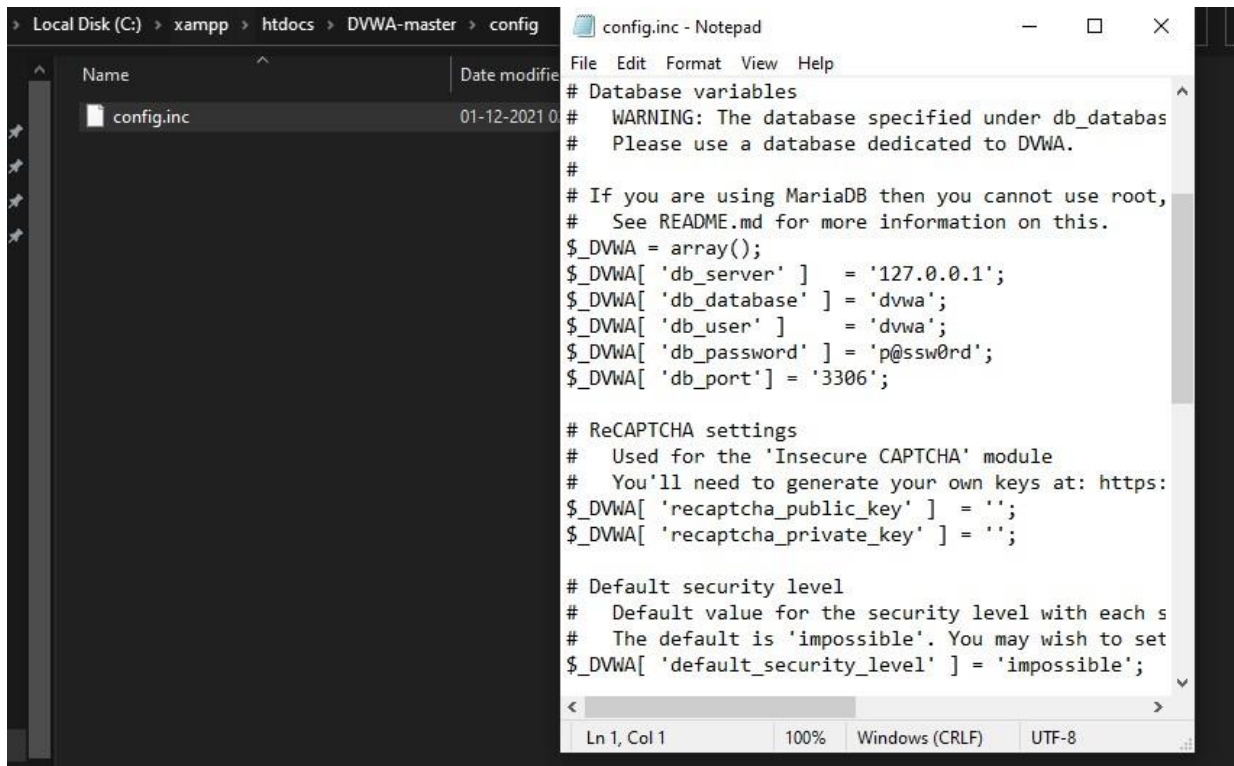
+-----+
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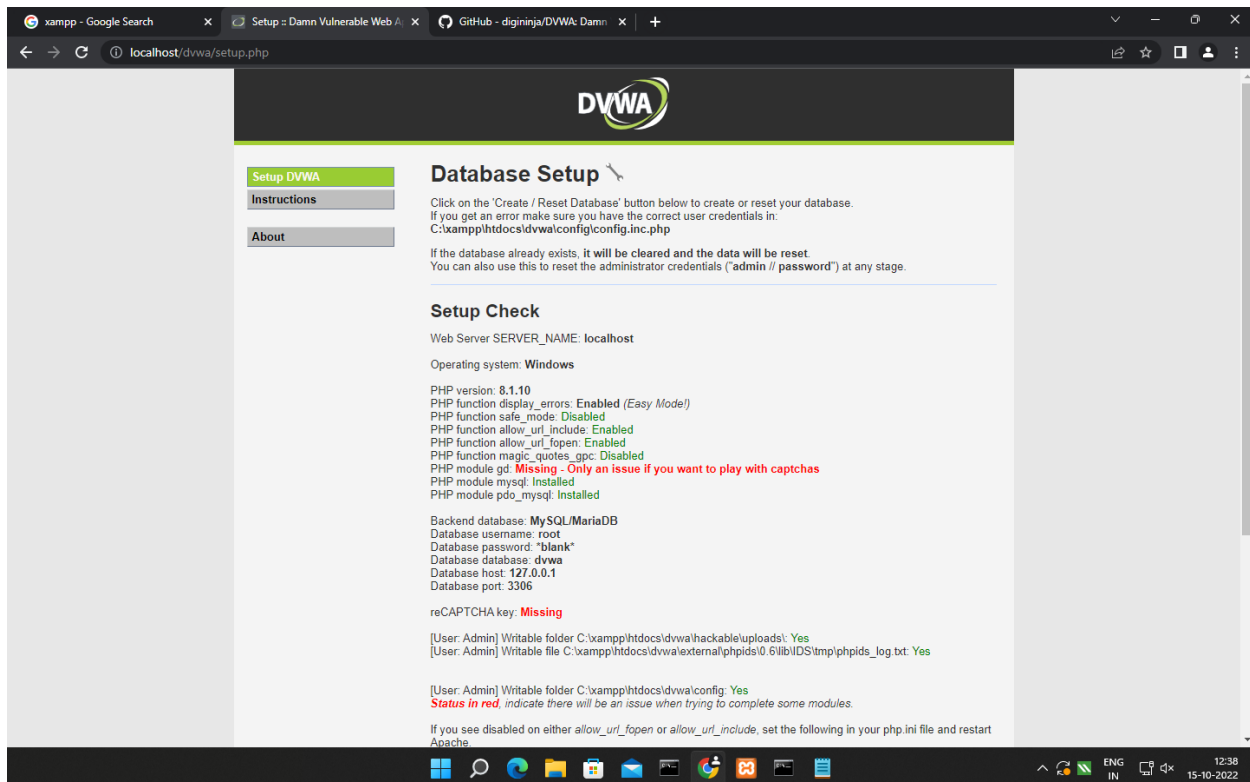
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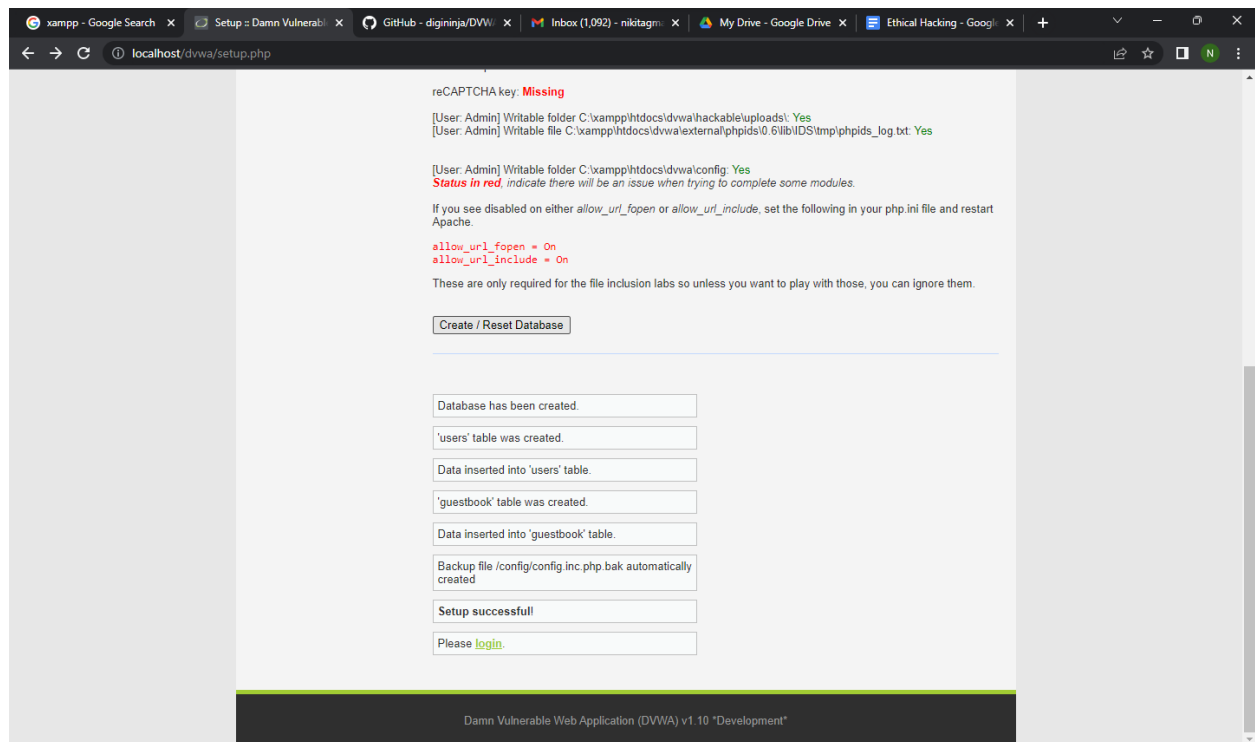
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In the browser, enter <http://localhost/dvwa-master/setup.php>. Scroll below to find:





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Username

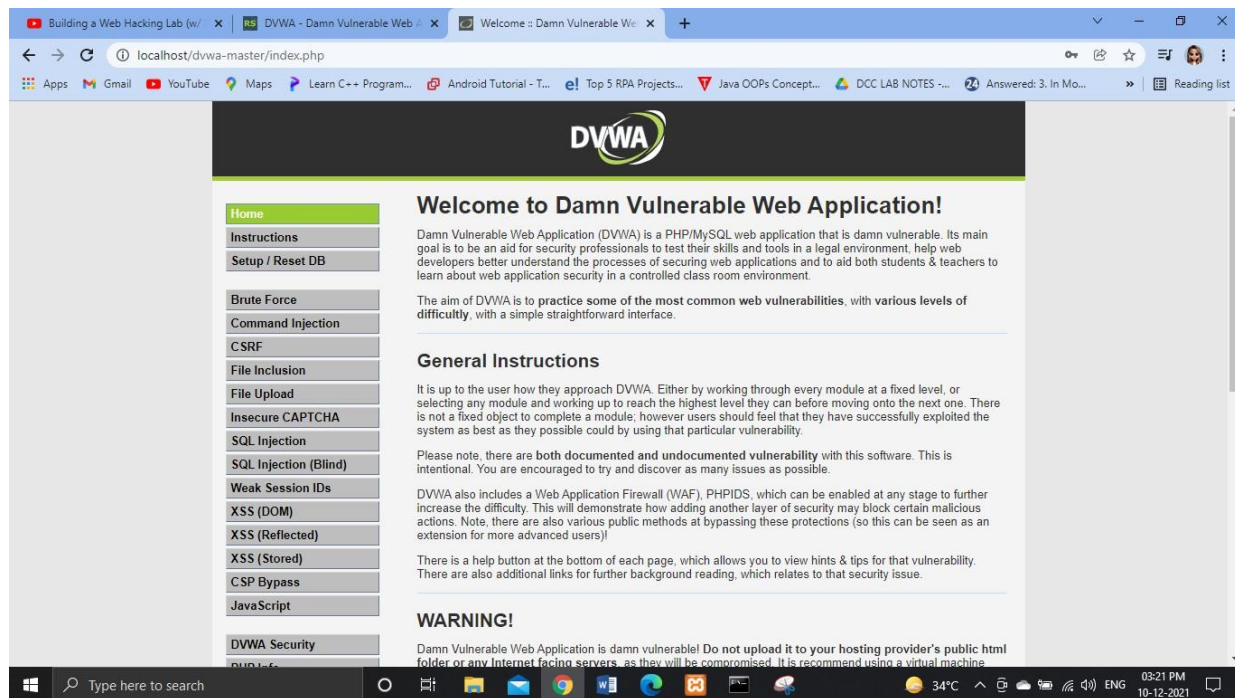
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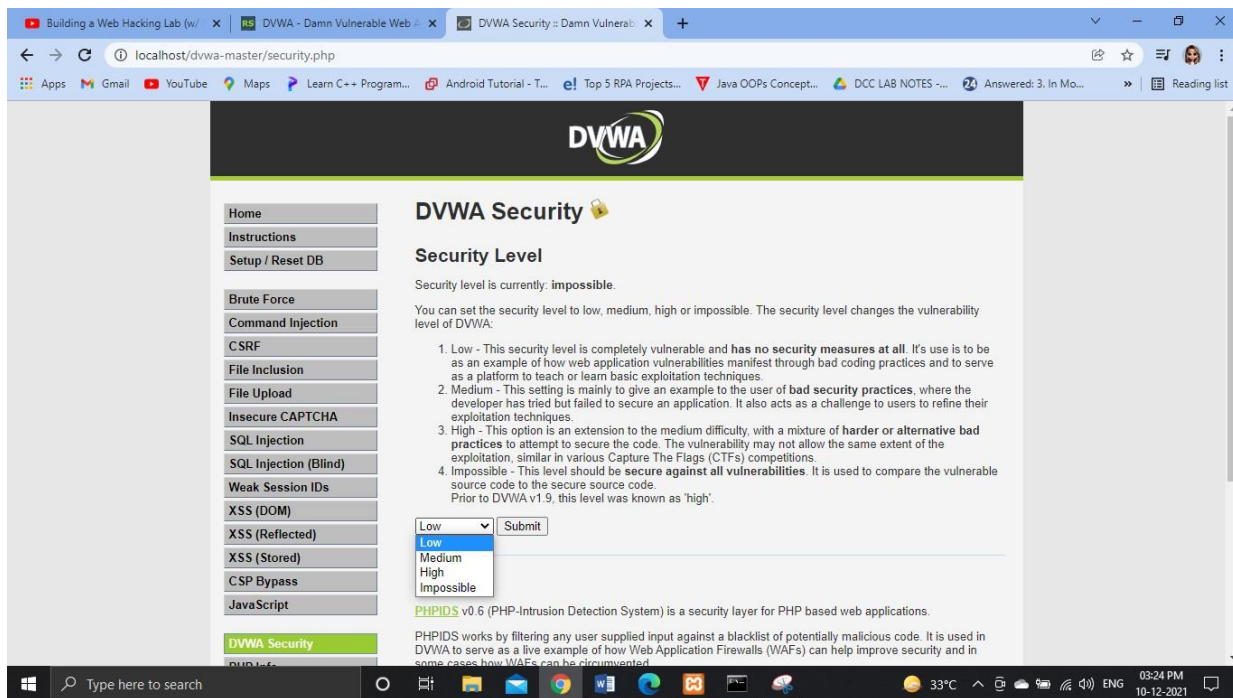
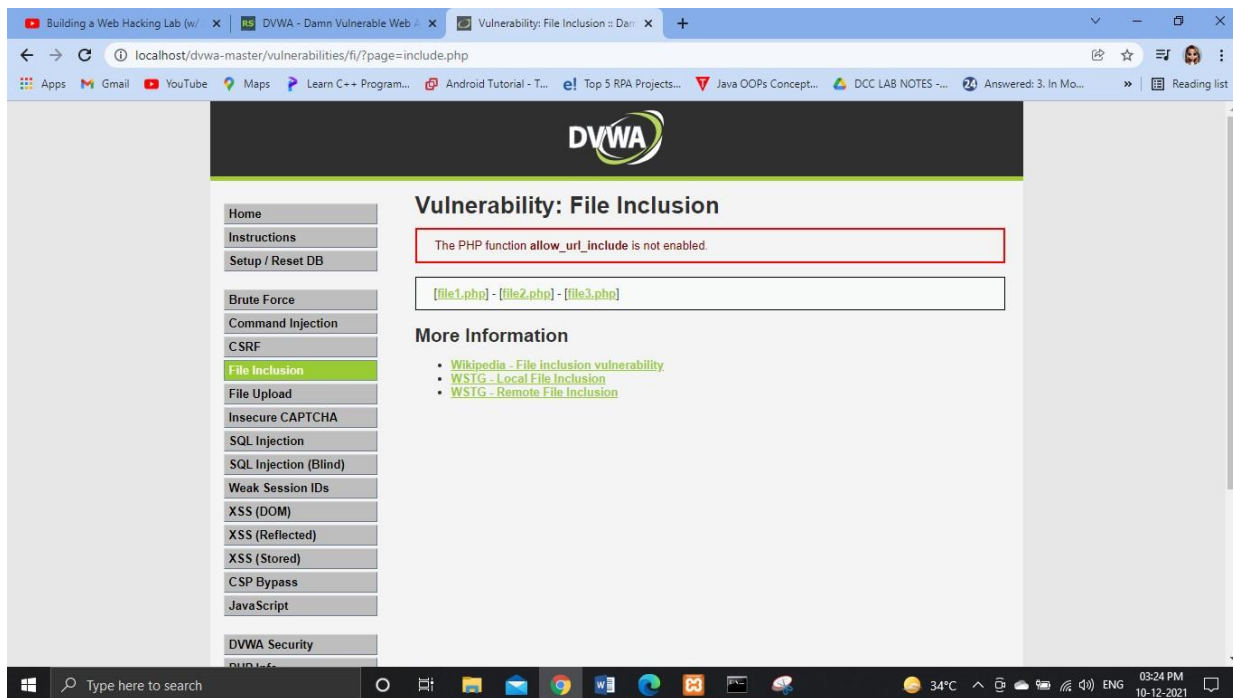
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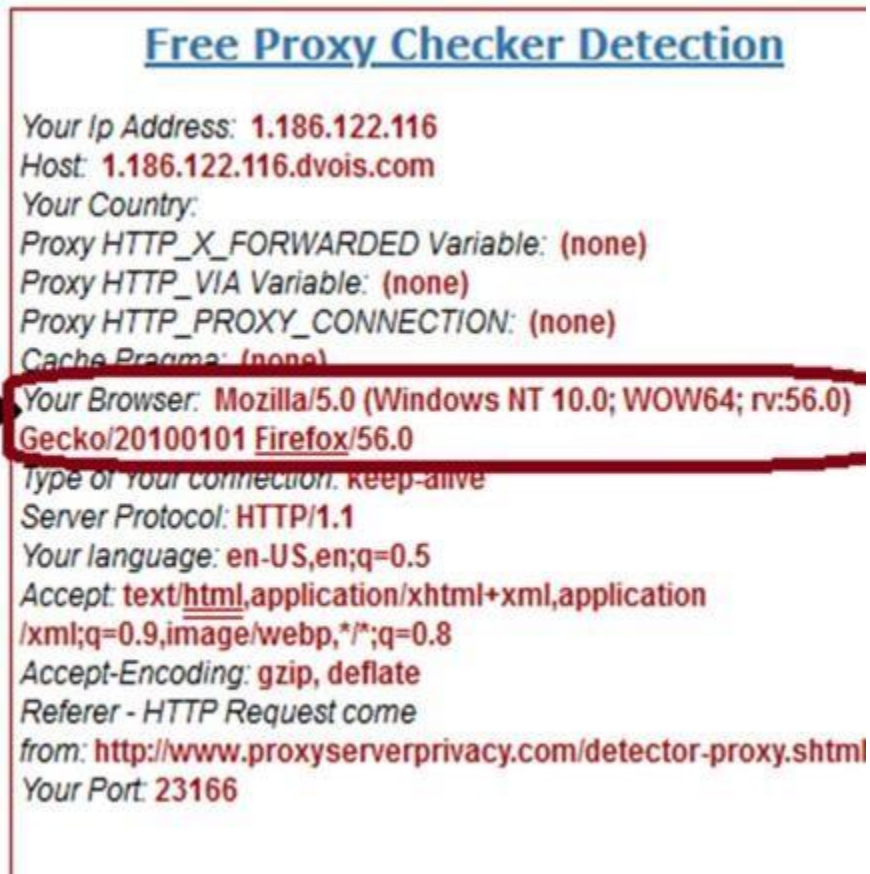
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Configure

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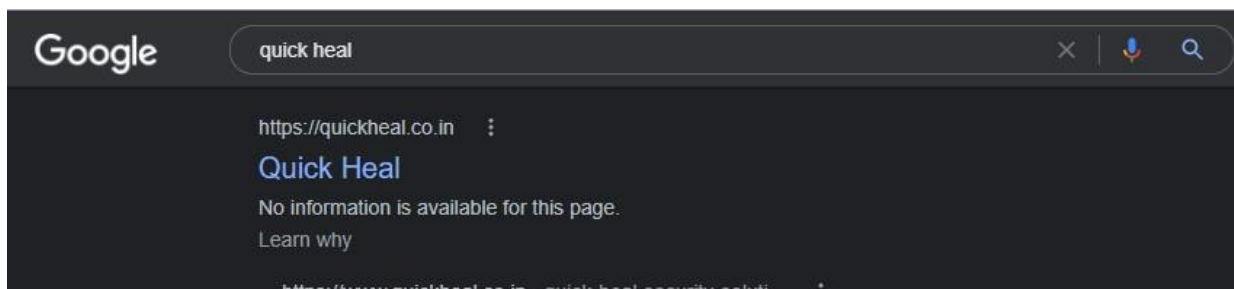
e. Type about: config

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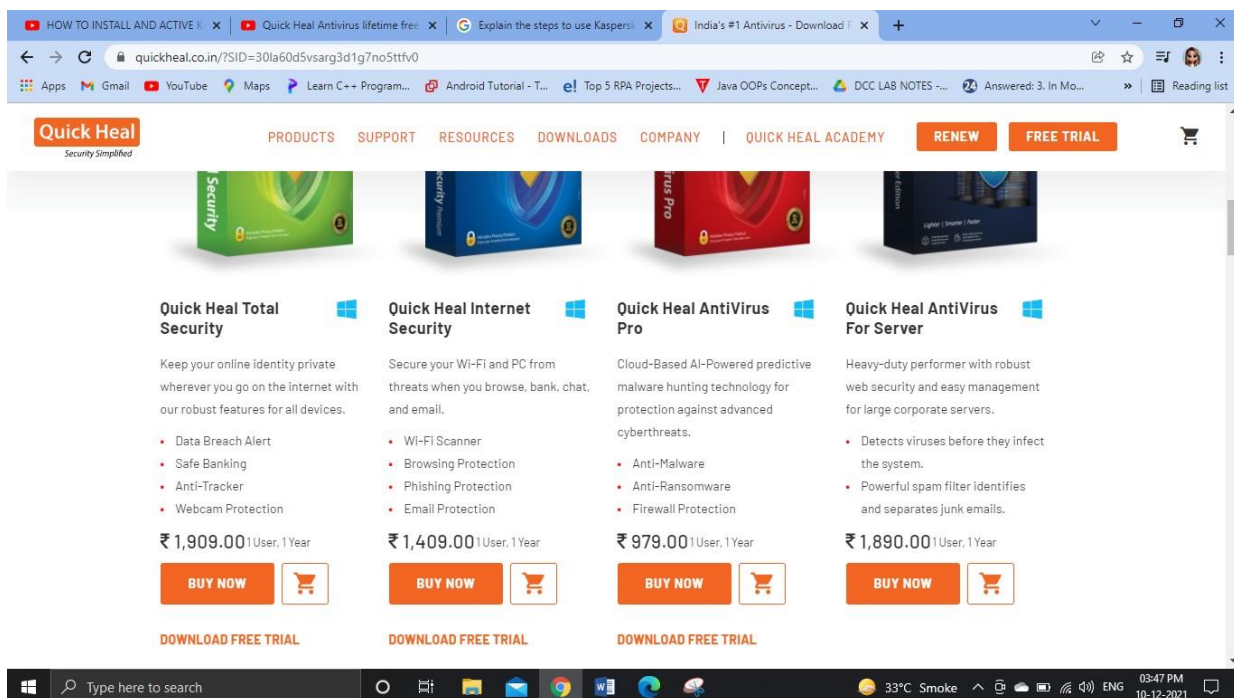
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