

Name: Prem Roshan P

Ex. No: 4

Roll no:231901036

SQL INJECTION LAB

Aim:


To do perform SQL Injection Lab in TryHackMe platform to exploit various vulnerabilities.

Algorithm:

1. Access the SQL Injection Lab in TryHackMe platform using the link-
<https://tryhackme.com/r/room/sqlilab>
2. Click Start Attack Box to run the instance of Kali Linux distribution.
3. Perform SQL injection attacks on the following-
 - a) Input Box Non-String
 - b) Input Box String
 - c) URL Injection
 - d) POST Injection
 - e) UPDATE Statement
4. Perform broken authentication of login forms with blind SQL injection to extract admin password
5. Perform UNION-based SQL injection and exploit the vulnerable book search function to retrieve the flag



Output:

SQL INJECTION LAB





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SQL Injection Lab

Understand how SQL injection attacks work and how to exploit this vulnerability.



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Task 1  Introduction  



Task 2  Introduction to SQL Injection: Part 1 



Task 3  Introduction to SQL Injection: Part 2 



Task 4  Vulnerable Startup: Broken Authentication 



Task 5  Vulnerable Startup: Broken Authentication 2 

Task 6  Vulnerable Startup: Broken Authentication 3 (Blind Injection) 

Task 7  Vulnerable Startup: Vulnerable Notes 

Task 8  Vulnerable Startup: Change Password 

Task 9  Vulnerable Startup: Book Title 

Task 10  Vulnerable Startup: Book Title 2 

Result:

Thus, the various exploits were performed using SQL Injection Attack in TryHackMe platform.