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Ex. No.: 4 Date: 20.09.2024 SQL INJECTION LAB

Aim:

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

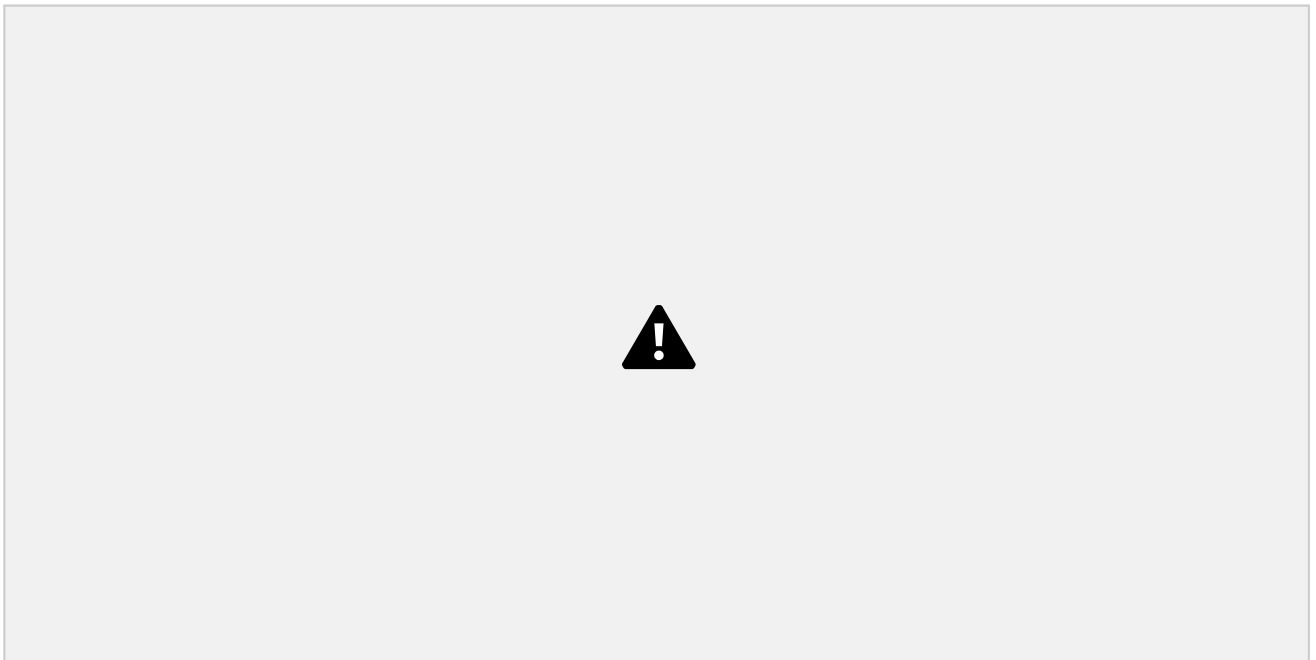
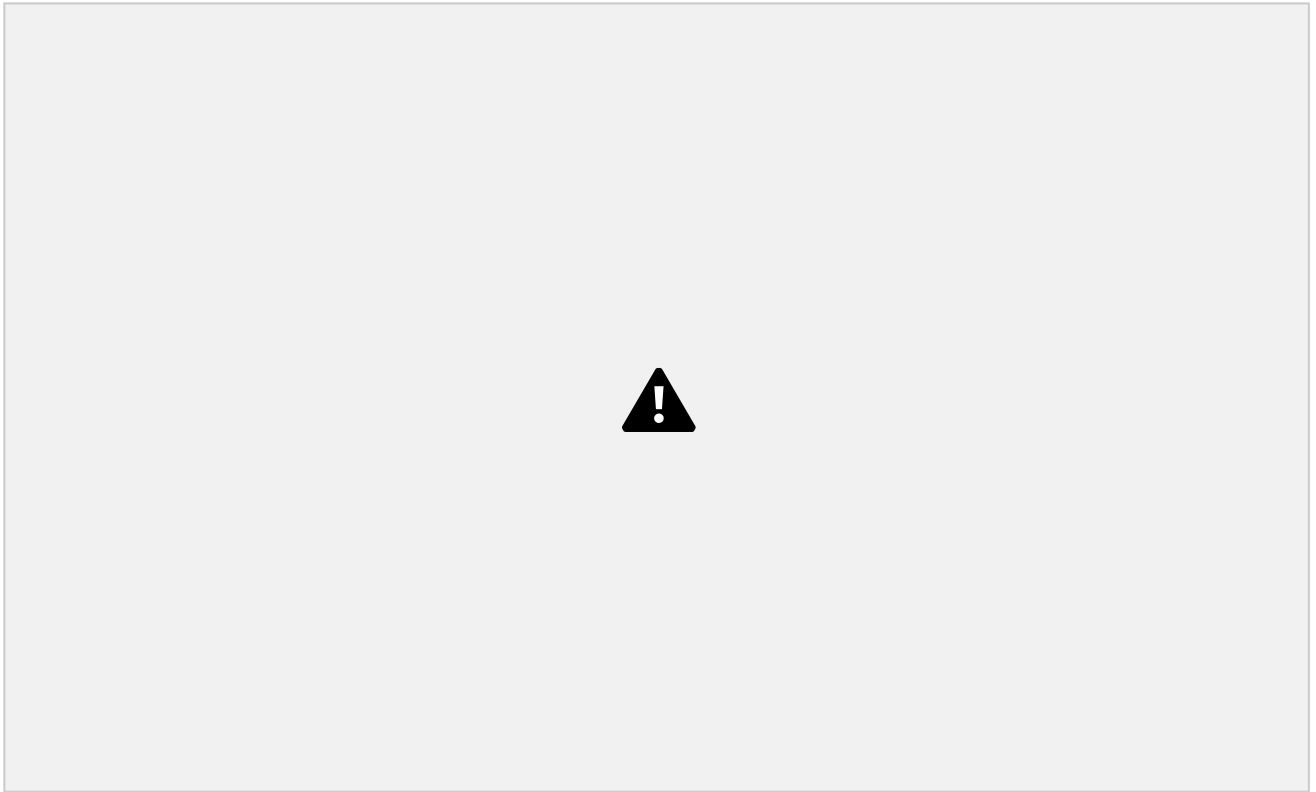
Algorithm:

1. Access the SQL Injection Lab in TryHackMe platform using the link
<https://tryhackme.com/r/room/sqlilab>
2. Click Start AttackBox to run the instance of Kalilinux 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

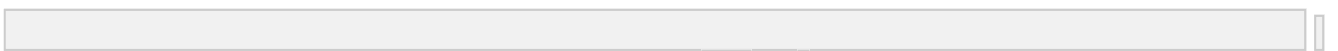
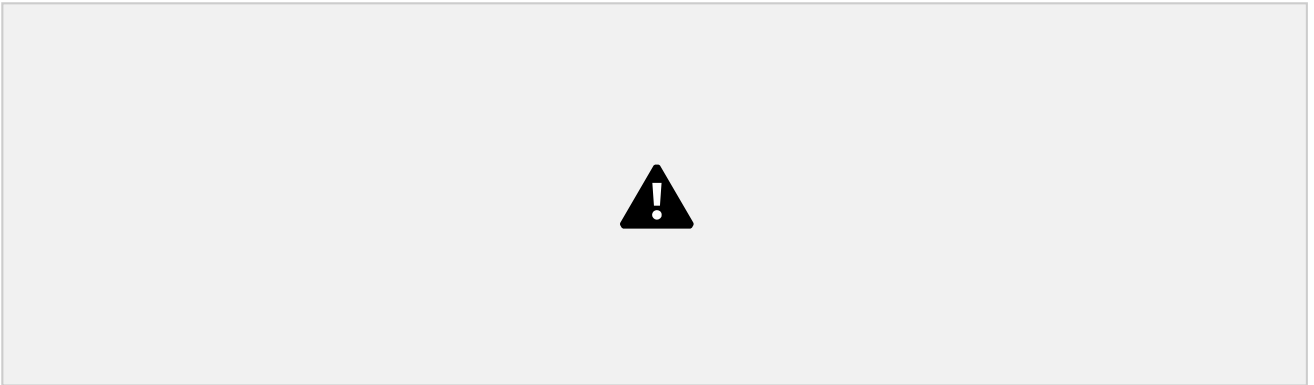
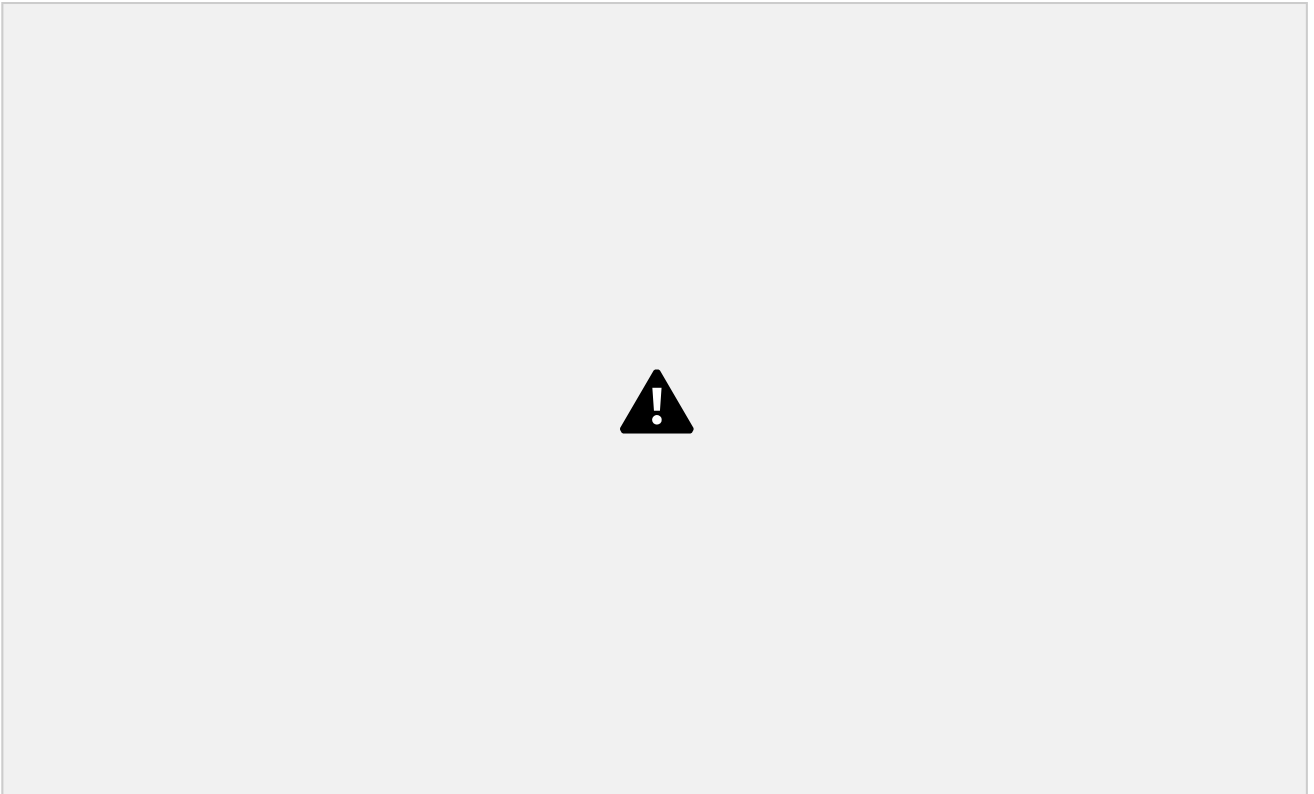
Output:

Name: VAISHAAL RAJHA T C G
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Result: Thus, the various exploits were performed using SQL Injection Attack.

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