Ex. No.: 4 Date: 20.09.2024

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## **SQL INJECTION LAB**

## Aim:

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

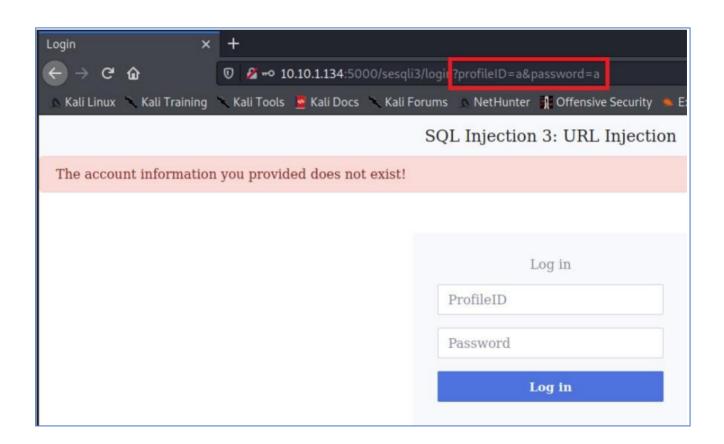
## Algorithm:

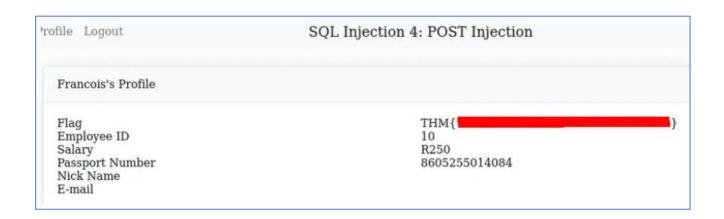
- 1. Access the SQL Injection Lab in TryHackMe platform using the linkhttps://tryhackme.com/r/room/sqlilab
- 2. Click Start AttackBox to run the instance of Kalilinux distribution.
- 3. Perform SQL injection attacks on the following
  - a) Input Box Non-String
  - b) Input Box String
  - c) URL Injection
  - 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

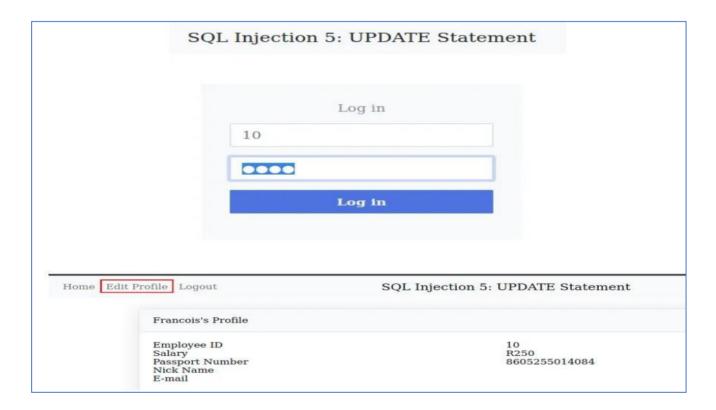
## **Output:**

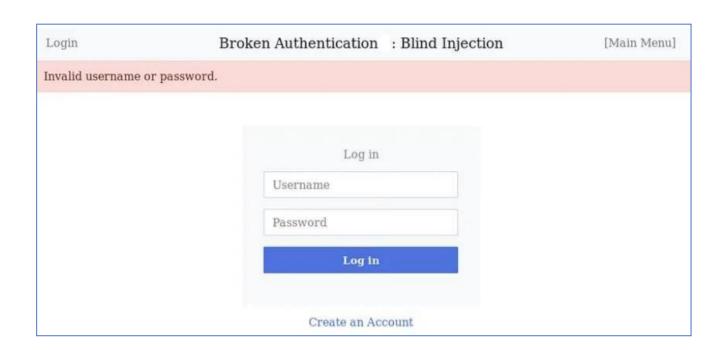














**Result:** Thus, the various exploits were performed using SQL Injection Attack.