

EXPERIMENT:4 SQL INJECTION LAB

AIM:

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

ALGORITHM:

- 1.Access the SQL Injection Lab in TryHackMe platform.
- 2.Click Start AttackBox to run instance of kali linuc distribution.
- 3.Perform SQL injection attacks on 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.Perfrom UNION-based SQL injection and exploit the funtion and retrieve the flag.

OUTPUT:

Profile Logout SQL Injection 1: Input Box Non-String

Francois's Profile

Flag	THM{ [REDACTED] }
Employee ID	10
Salary	R250
Passport Number	8605255014084
Nick Name	

Log in

Log in

Profile Logout SQL Injection 2: Input Box String

Francois's Profile

Flag	THM{ [REDACTED] }
Employee ID	10
Salary	R250
Passport Number	8605255014084
Nick Name	
E-mail	

Profile Logout SQL Injection 4: POST Injection

Francois's Profile

Flag	THM{ [REDACTED] }
Employee ID	10
Salary	R250
Passport Number	8605255014084
Nick Name	
E-mail	

Home Edit Profile Logout SQL Injection 5: UPDATE Statement

Francois's Profile

Employee ID	10
Salary	R250
Passport Number	8605255014084
Nick Name	
E-mail	

RESULT:

Thus, the variety exploits were performed using SQL Injection Attack.

