Ex. No.: 4
Date:20/9/24

SQL INJECTION LAB

Aim:

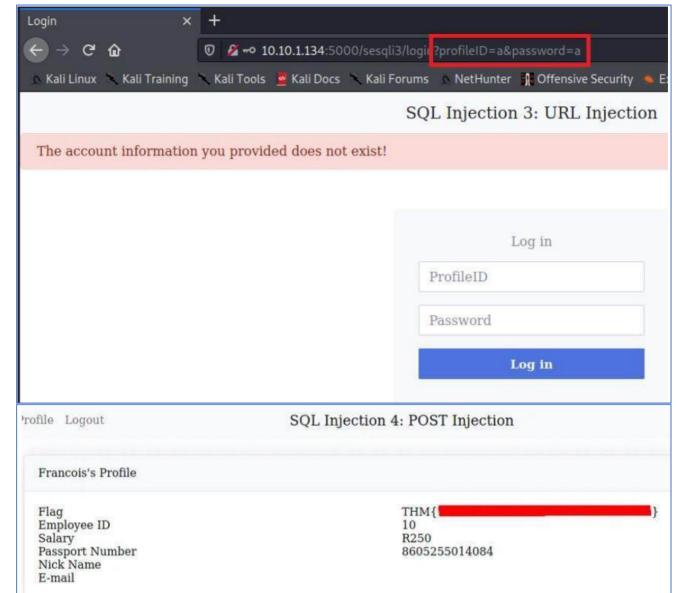
To do perform SQL Injection Lab in TryHackMe platform to exploit various vulnerabilities.

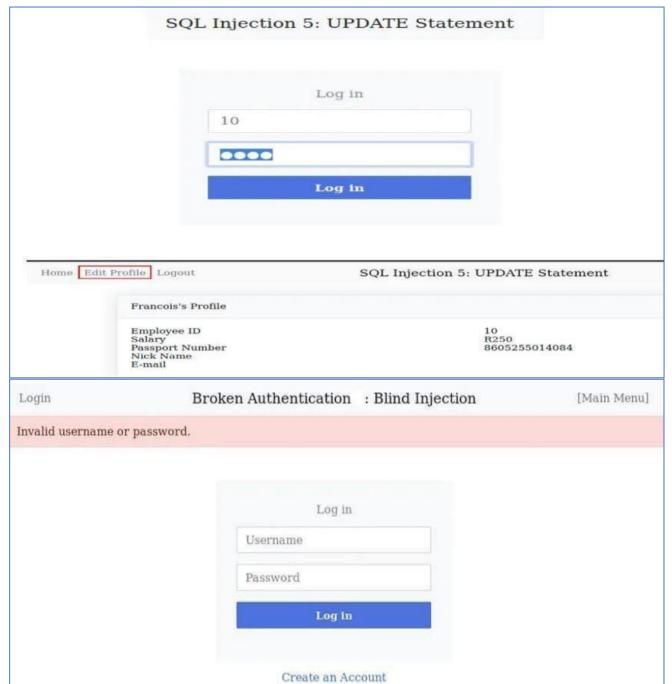
Algorithm:

- 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:

231701042	KITHKA DASK	лі
SQ	L Injection 1: Input Box Non-String	
	Tombre	
	Log in	
	'a' or 1=1	
	Log in	
rofile Logout	SQL Injection 1: Input Box Non-String	
François's Profile		
Flag Employee ID	THM(}
Salary Passport Number Nick Name	R250 8605255014084	
	Log in	
	a' or 1=1	
	Log in	
Profile Logout	SQL Injection 2: Input Box String	
Francois's Profile		
Flag	THM{	- }
Employee ID	10	,
Salary Passport Number Nick Name	R250 8605255014084	







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