

**CSE3501 INFORMATION SECURITY ANALYSIS AND AUDIT
EXERCISE – 9**

DATE: 24.09.2020

SQL INJECTION ATTACK

Installing, Understanding and Exploring the functionalities of sqlmap

Use inside Kali Linux installed in VMWare

Test Site : testphp.vulnweb.com – acuart site

1. How would you find if a site is vulnerable to SQL injection or not?
2. Implement SQL Injection Attack and perform the following on the Test Site
 1. Find the database names
 2. Find the relation/table names
 3. Find the attribute/column names
 4. Find the records in each table

Perform the above tasks by

- a. Using **SQLMAP** tool (In Kali Linux inside VMWare platform)
 - b. **Manually** (In the host machine itself, over a browser, via sql code injection)
3. Show the Step Wise output for each task (Screen Shot as well as the command for each task)
 4. Explain / Reason out what happens at each step