



Aldel Education Trust's

St. John College of Engineering and Management, Palghar

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai/MSBTE

St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar, Maharashtra-401404

NAAC Accredited with Grade 'A'



DEPARTMENT OF COMPUTER ENGINEERING

Lab code: CSL602

Class: T.E./COMP/A2 & A3

Course name: Cryptography & System Security Lab

EXPERIMENT 8

Aim: SQL injection attack and cross-site scripting attack simulation [LO5]

Theory:

Following points needs to be included:

1. Describe SQL injection in brief.
2. Explain how it works.
3. What could be possible solutions to avoid SQL injection?

Implementation:

1. Check if a webpage is vulnerable to this attack???
2. Once you find a vulnerable site, you need to enumerate the number of columns and those columns that are accepting the queries from you.
3. To know the column numbers which are accepting the queries.
4. Enumerating the SQL version.
5. Exploit (i.e., to get list of databases)
6. To know the current database in use
7. To get the current user
8. To get the tables
9. To get the columns

Conclusion:

Viva question:

1. Explain SQL injection attack.

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