

## SQL Injection Assignment

**Total Points: 50**

### Project 1

You have been hired as the security consultant for TJRiggings. As your first task, you have been asked to complete a security audit of their Web applications. Answer the following questions:

1. What are the first steps that you would take to test the sites for SQL injection vulnerability?
2. How might you apply the concept of inferential testing?
3. What is your strategy for identifying dangerous source code now and far into the future?
4. What suggestions would you offer TJRiggings in reference to their Web clients?

### Project 2

Nathan is a security consultant for Tyler & Haley financial, a large mortgage lending company in New York City. He has been hired to raise the company DBA's awareness about SQL injections.

1. Nathan is giving a speech on the four steps of exploitation. What four steps do you anticipate him including within his speech?
2. Nathan is planning to describe at least three ways a database management system can be identified. What three ways for identifying a DBMS should Nathan cover?
3. Nathan plans to provide a few examples of SQL statements that can be used to gather information externally. Provide two examples of SQL statements that Nathan can provide.
4. What suggestions do you expect Nathan to provide for securing the company databases against SQL injections?