

# Lab 6: SQL Injection Attack Lab

This lab assignment will give you first-hand experience on performing SQL injection attacks and applying SQL prepared statements for defenses. SQL injection is one of the most common attacks on web applications.

- Please use refer to the lab description provided on Brightspace
- **Use the Labsetup.zip files provided on Brightspace** and not those on seedlab website

Please review the “Grading rubric” below and if you have any questions, let the instructor know.

## **Deliverables:**

Upload a Word document containing each Task’s terminal outputs (**Use screenshots**):

Please include all source code, shell commands, and running results in the lab report. That is, please describe what you have done and what you have observed, including screenshots and code snippets. Do not forget to include your observations when required.

**Note: Include your code (or a screenshot of it) when (1) first calling the program and (2) when modifying the code. Work only on the required tasks as follows:**

- Task 1 – 10pts
- Task 2 – 30pts
  - Task 2.1 – 10pts
  - Task 2.2 – 10pts
  - Task 2.3 – 10pts
- Task 3 – 30pts
  - Task 3.1 – 10pts
  - Task 3.2 – 10pts
  - Task 3.3 – 10pts
- Task 4 – 30pts

**Total:** 100pts