# ISEC 400 Homework 10

Answer the following questions based on your reading of the text book, any supplemental material, and the instructor’s presentation this week. If you use an external source (i.e. a web-page, the required textbook, or an additional book) to help you answer the questions then be sure to cite that source. Hint: you should probably always be citing a source.

## Questions

1. [5 points] Explain, in your own words, the vulnerabilities that lead to successful SQL injection attacks.
2. [5 points] Explain, in your own words, the common pitfalls that developers fall into when trying to prevent SQL injection attacks (i.e. what doesn’t work, and why).
3. [5 points] Describe the three solutions that do help prevent injection attacks and how they work. Do any of these need to work together for a defense in depth solution?
4. [5 points] Describe the problems and solutions associated with insecure direct object reference vulnerabilities.

## Submission instructions

Create a Word document with your solution to the short answer questions. Submit the Word document to the dropbox for the course.