Homework 11

PROBLEM #1:

Write a one-paragraph objective summary of the main ideas in this chapter.

SOLUTION:

Database security is important because usually databases contain very sensitive data. Users interact with the database through the Database Management System (DBMS) and a Structured Query Language (SQL). Databases are structured with tables, rows (tuples) and columns (attributes). Tables are related by primary and foreign keys to reduce data redundancy. Databases are vulnerable to SQL injection attacks, where user input is used to retrieve information about the structure of the database or cause harm to the database.

PROBLEM #2:

Evaluate the chapter you have just read. What more do you think you need to know on this subject, or what aspects of this subject are not clear to you?

SOLUTION:

I would like to know more about SQL injection, how to write code for an SQL injection and how to defend against them (code wise).