CNT 4419 Quiz 4/23/25 (16 minutes)   NAME: _____

Instructions: Same standard instructions as before. As always, this quiz is closed everything, including phones and other students. Do not talk to another student during the quiz. Do not look at another student's answers during the quiz. Respond at the level of detail discussed in class.

1. [2 points] Briefly explain an example confused-deputy attack discussed in class, including why it constitutes a confused-deputy attack. Also use 1 sentence to explain how a secure coder could mitigate the specific attack, hitting the main points discussed in class. [2-3 sentences]

2. [2 points] Same as Problem 1, but for a second example of a confused-deputy attack discussed in class. [2-3 sentences]

3. [2 points] Same as Problem 2, but for a third example of a confused-deputy attack discussed in class. [2-3 sentences]

4. [2 points] Suppose A is a 5x4 table (i.e., 5 rows and 4 columns), B is a 4x3 table, C is a 3x3 table, D is a 3x1 table, and all of the column names are unique. How many rows and columns are in the result for the following SQL query? select * from A, B, C, D
If there is insufficient information to answer the question, write "Unknown".

5. [2 points] Suppose A is a 5x4 table (i.e., 5 rows and 4 columns), B is a 4x3 table, C is a 3x3 table, D is a 3x1 table, A and B have one identical column name, C and D have one identical column name, and no other column names are identical. How many rows and columns are in the result for the following SQL query? select * from A, B, C, D
If there is insufficient information to answer the question, write "Unknown".