COMP435 In Class Practice 12/1/25   Name: _____

Question 1: Data Security   1.1. How does a client authenticate a DBMS server? (What mechanisms are used?)

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1.2. How might a DBMS server authenticate a client? (Multiple possible answers)

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1.3. The key cannot be stored alongside the data, then how would you supply the key to the DBMS? (Multiple possible answers)

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Question 2: Privacy vs. Utility   Can you think of a concrete example that illustrates the trade-off between privacy and utility in data management? Describe the privacy risks and the utility benefits involved.

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