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Questions

1. What exploitation technique is demonstrated by using statements like 'OR 478=(SELECT 478 FROM PG_SLEEP(15))--'?

A. Exploiting logical weaknesses in SQL queries
B. Rewriting inefficient SQL code
C. Enhancing logical checks in algorithms
D. Streamlining SQL query processing

2. What is the purpose of using '--' in SQL commands?

A. To insert complex SQL functions
B. To replace SQL query sections
C. To enhance SQL server speed
D. To comment out the rest of the SQL query

3. What is SQL injection best described as?

A. A type of cyber attack
B. A technique for automatic database updates
C. A method to enhance database performance
D. A method to back up SQL databases

4. In SQL, which database offers a function to pause execution for a specified time interval, known as a "sleep function"?

A. It is a standard feature across all SQL databases
B. It is specifically available in PostgreSQL
C. It is a feature in general programming
D. It is commonly used in MySQL

5. What is the primary intention behind the string "555fKh2aYMT')) OR 478=(SELECT 478 FROM PG_SLEEP(15))--" in the context of cybersecurity?

A. A common database administration tool
B. An attempt to test server defense
C. A legitimate query optimization technique
D. A method to enhance query performance