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Questions

1. In the context of SQL injection, what does 'PG_SLEEP(15)' do?

A. Performs subtraction
B. Executes a function
C. Writes to a log
D. Pauses execution

2. In a SQL injection attack, why might an attacker use the '--' comment?

A. To encrypt data
B. To insert new data
C. To hide the injection from logs
D. To terminate the SQL query

3. What does the term 'SQL injection' refer to?

A. The act of adding new tables
B. Exploiting SQL queries for malicious purposes
C. Optimizing query performance
D. Enhancing SQL queries

4. Which of the following is a mitigation strategy for SQL injection?

A. Indexing
B. Stored procedures
C. Data encryption
D. Data warehousing

5. What is a potential risk of using 'OR' in SQL queries without proper validation in database security?

A. Faster query execution
B. Susceptibility to SQL injection
C. Improved data accuracy
D. Increased data redundancy