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Questions

1. How does SQL injection vulnerability occur in input fields?

A. By proper encoding
B. By using a secure database
C. By allowing unsanitized inputs
D. Through proper sanitization

2. In project management, what is a 'milestone'?

A. Major deliverable
B. Budget adjustment
C. Deadline extension
D. Small task

3. When would you use the modulus operator in programming?

A. To declare arrays
B. To find remainders
C. To handle recursion
D. To compare strings

4. What is the primary use of a 'for' loop in programming?

A. Error handling
B. Handling user input
C. Declaring variables
D. Iterating over a sequence

5. Which algorithm design paradigm involves solving complex problems by solving smaller subproblems and combining their solutions?

A. Greedy algorithms
B. Linear search
C. Recursive descent
D. Dynamic Programming