

18. Which of the following types of attacks occurred when the adversary submitted a string that included ' OR '1'='1';--?
- (A) SQL injection attack
 - (B) Buffer overflow attack
 - (C) Cross site scripting attack
 - (D) Directory traversal attack
19. Which of the following security controls would most likely prevent an attack like this in the future?
- (A) Encryption
 - (B) Stateful firewall
 - (C) Input sanitization
 - (D) Access control list
20. Which of the following best explains how the adversary attempted to manipulate the bank's customer database through the online loan application form?
- (A) When user input is fed into a server's file system, HTTP requests can access sensitive data.
 - (B) When user input contains executable scripts, those scripts can run in the user's browser and access sensitive data.
 - (C) When user input exceeds the size of the designated memory, it can allow the adversary to access, modify, and delete files.
 - (D) When user input from a web form is fed directly into a database query, an adversary can inject control characters that can allow an adversary to view or modify the contents of a database.