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**Title**: Certified Application

Security Engineer (CASE)

**JAVA** 

Version: DEMO

1.Sam, an application security engineer working in INFRA INC., was conducting a secure code review on an application developed in Java. He found that the developer has used a piece of code as shown in the following screenshot.

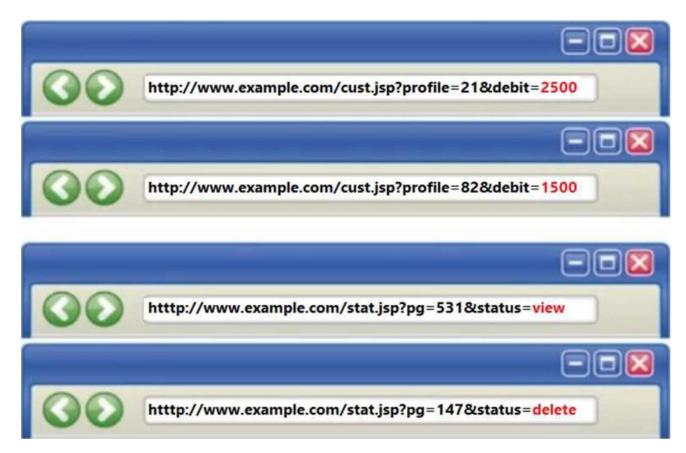
```
0
🖺 LoginController.jsp 🔀
  78
           <%!public boolean validateUserName() {</pre>
  79
  80
     String[] userInputs =
  81
  82
      new String[] { "<SCRIPT>", "SELECT", "UNION", "WHERE", </SCRIPT>, ">", "<" };</pre>
  83
      for (String item : userInputs) {
  84
      if (uname.contains(item)) {
  85
           return false;
  86
  87
               }
  88
           return true;
  89
  90
           }%>
Design Preview
```

Identify the security mistakes that the developer has coded?

- A. He is attempting to use client-side validation
- B. He is attempting to use whitelist input validation approach
- C. He is attempting to use regular expression for validation
- D. He is attempting to use blacklist input validation approach

## Answer: D

2. Identify the type of attack depicted in the following figure.



- A. SQL Injection Attacks
- B. Session Fixation Attack
- C. Parameter Tampering Attack
- D. Denial-of-Service Attack

Answer: C

- 3.According to secure logging practices, programmers should ensure that logging processes are not disrupted by:
- A. Catching incorrect exceptions
- B. Multiple catching of incorrect exceptions
- C. Re-throwing incorrect exceptions
- D. Throwing incorrect exceptions

Answer: D

- 4. Which of the threat classification model is used to classify threats during threat modeling process?
- A. RED
- **B. STRIDE**
- C. DREAD
- D. SMART

Answer: B

5. Which line of the following example of Java Code can make application vulnerable to a session attack?

```
1: Public class storecookie extends HttpServlet {
2: Public void doGet () {
3: Cookie ssnCookie = new Cookie ("Session Cookie"+ value);
4: ssnCookie.setMaxAge (3600);
5: response.addCookie (ssnCookie);
6: }
```

- A. Line No. 1
- B. Line No. 3
- C. Line No. 4
- D. Line No. 5
- Answer: B