Assignment 9

The due date for submitting the assignment has passed.

No score awarded since the assignment has been submitted.

1. How many lexical items are there in the following J*CC code?
   ```java
   string x = "Hello, World!";
   ```
   No, your answer is incorrect.
   Accepted Answers:
   Type: String

2. How many tokens are present in the given J*CC program?
   ```java
   string x = "Hello, World!";
   string y = "Hi!
   ```
   No, your answer is incorrect.
   Accepted Answers:
   Type: Token

3. Which of the following tokens is NOT valid in J*CC?
   ```java
   5.6, "Hello", "Hello, World!"
   ```
   No, your answer is incorrect.
   Accepted Answers:
   Type: Token

4. Which of the following will occur when the given J*CC code snippet is parsed through the front-end of the J*CC compiler?
   ```java
   int a, b = 5;
   ```
   No, your answer is incorrect.
   Accepted Answers:
   Type: Error

5. Which of the following errors can be thrown by the J*CC compiler?
   ```java
   class Person {
   } // Missing 'class' keyword
   ```
   No, your answer is incorrect.
   Accepted Answers:
   Type: Error

6. Say "true" or "false". In the grammar for J*CC language, the terminal element is always a lexical issue.
   ```java
   "true"
   ```
   Yes

7. Which of the following keywords can be present as the first lexical element when a (for statement) is expanded using recursive descent parsing?
   ```java
   for
   ```
   Yes

8. Identify the production rule which will be expanded when the following J*CC code is parsed using the recursive descent parsing.
   ```java
   int x = 4;
   ```
   No, your answer is incorrect.
   Accepted Answers:
   Type: Production

9. Identify all of the CORRECT statement(s).
   ```java
   String x = "Hello, World!";
   String y = "Hi!
   ```
   No, your answer is incorrect.
   Accepted Answers:
   Type: Statement

10. Assume you already have a complete J*CC compiler which can generate binary code for J*CC programs. Now, we write a new compiler for J*CC to H*CC (a language that can compile Java), i.e., for it is valid.
   ```java
   5.6, "Hello", "Hello, World!"
   ```
   No, your answer is incorrect.
   Accepted Answers:
   Type: Error