**Concept Quiz**

Examine whether each of the following statements is true or false. If a statement is false, please explain why.

1. After an array is declared, its element(s) can be accessed via its index.

2. In Java, an array can be initialized using keyword *new*.

3. The index of an array’s first element is 0.

4. int[] arrA = (11, 12, 13, 14, 15, 16, 17, 18, 19, 20);

5. For-each loop on an array can be used to update its element(s).

6. Java parameters are passed by value into methods, so arguments can’t be modified by methods.

7. An array that is created locally inside a method can be accessed by other methods.

8. Since String is an array of characters, each letter in a string can be accessed using a pair of square brackets with indexing.

9. String’s *split( )* method returns an array of String.

10. In 2-D array, the number of elements in each row can be different.

**Answers to the Quiz**

1. False. An array needs to be created first using *new* before it can be used.

2. True.

3. True.

4. False. To initialize an array with provided values should use brackets as

int[] arrA = {11, 12, 13, 14, 15, 16, 17, 18, 19, 20};

5. False. For-each loop can only be used to retrieve individual element’s value.

6. False. Java arrays are objects, and when an array is passed in a method as its argument, it can be modified.

7. True.

8. False. To access a letter of a string, use String’s method charAt(int index).

9. True.

10. True.