Assignment 8

Due on 2020-03-20, 23:59 IST.

1. Identify the odd one out among the given classes.
   - Class constructor
   - Class instance
   - Class function
   - Class method
   - Class variable

   2. Which of the following is/are NOT a keyword in Java programming language?
   - void
   - true
   - function
   - class
   - throws

   3. Which of the following statements is/are incorrect according to Java syntax?
   - a = b + c;
   - a = b + c;
   - a = b + c;
   - a = b + c;

   4. Identify the output of the following program snippet. (Hint: Go through the Java standard library in the book.)
   ```java
   // empty method
   void emptyMethod()
   {
   }
   ```

   5. A statement with a function call in Java can start with which of the following keywords?
   - for
   - while
   - do
   - if
   - for

   6. How many objects of class Person are needed in the following code snippet?
   ```java
   class Person
   {
   int age;
   String name;
   }
   ```

   7. How many times will the function `emptyMethod()` be called in the following code snippet?
   ```java
   void emptyMethod()
   {
   System.out.println("Empty Method");
   } // empty method
   ```

   8. Which of the following functions in Java standard library can be used to check if the content of an array contains a specific value?
   - `Arrays.equals()`
   - `Arrays.sort()`
   - `Arrays.binarySearch()`
   - `Arrays.asList()`
   - `Arrays.toString()`

   9. The main function Main method is called to start JVM.
   ```java
   public static void main(string[] args)
   {...
   ```

   10. The `Naming` class constructor is called when the program returns to JRE.
   ```java
   Naming()
   {...
   ```

   11. The `Naming` class constructor is called when the program returns to JRE.
   ```java
   Naming()
   {...
   ```

   12. Acceptance Criteria:
   - Methods must be defined in the `Naming` class.
   - The `main()` method must be defined in the `Naming` class.
   - The `main()` method must accept the arguments as a string array.
   - The `main()` method must print a simple message.
   - The `main()` method must return void.

   13. Acceptance Criteria:
   - The `main()` method must accept the arguments as a string array.
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