Questions and Exercises: Getting Started

Questions

Question 1: When you compile a program written in the Java programming language, the compiler converts the human-readable source file into platform-independent code that a Java Virtual Machine can understand. What is this platform-independent code called?

bytecode

Question 2: Which of the following is *not* a valid comment:
a. /** comment */
b. /* comment */
c. /* comment
d. // comment

Question 3: What is the first thing you should check if you see the following error at runtime:

Exception in thread "main" java.lang.NoClassDefFoundError:
HelloWorldApp.java.

Check your class definiton or your class path. Your class cannot be found.

Question 4: What is the correct signature of the main method?

public static void main(String[] args)

Question 5: When declaring the main method, which modifier must come first, public or static?

They can be in the orther they want, but the convention is public static

Question 6: What parameters does the main method define?
The arguments of the program normally called args. Agrs is defined like an array of strings.

Exercises
Exercise 1: Change the HelloWorldApp.java program so that it displays Hola Mundo! instead of Hello World!.

```
    /**
     * The HelloWorldApp class implements an application that
     * simply prints "Hola mundo!" to standard output.
     */
    class HelloWorldApp {
       public static void main(String[] args) {
          System.out.println("Hola mundo!"); // Display the string.
       }
    }
```

Exercise 2: You can find a slightly modified version of HelloWorldApp here: HelloWorldApp2.java The program has an error. Fix the error so that the program successfully compiles and runs. What was the error?

```
  /**
 * The HelloWorldApp class implements an application that
 * simply prints "Hello World!" to standard output.
 */
class HelloWorldApp2 {
    public static void main(String[] args) {
        System.out.println("Hello World!); // Display the string.
    }
}
```

unclosed literal string.

If you want to to print one string you should put it beteween " " in this case to solve the problem is like follows

System.out.println("Hello World!"); // Display the string.