**Quiz 1**

1. **True or False?: According to the course** [**Syllabus**](https://firstcourseinjava.atlassian.net/wiki/display/JAVA/Syllabus)**, if you cannot write an application that meets all of the requirements,**
   * **you can get partial credit by writing an application that meets some of the requirements**
   * **you can compensate for missing requirements by adding functionality that is not required**
2. **True or False?: According to the course** [**Syllabus**](https://firstcourseinjava.atlassian.net/wiki/display/JAVA/Syllabus)**, you get 2 points for attending each lecture, and if you arrive late, but no more than 5 minutes late, you get 1 point.**
3. **True or False?: According to** [**How To Submit Homework,**](https://firstcourseinjava.atlassian.net/wiki/display/JAVA/How+To+Submit+Homework) **your Java code must use the same naming conventions and formatting as in the textbook.**
4. **What is the file extension for source code?**
5. **Source code is the output of the Java \_\_p\_\_\_\_\_\_\_\_ and the input to the Java \_\_c\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
6. **What is the file extension for byte code?**
7. **Byte code is the output from the Java \_\_\_\_\_\_\_\_\_\_\_\_ and the input to the Java \_\_i\_\_\_\_\_\_\_\_\_\_\_\_\_.**
8. **True or false: First, Java source code is interpreted, and then it is compiled.**
9. **At** [**http://www.oracle.com/technetwork/java/javase/downloads/index.html**](http://www.oracle.com/technetwork/java/javase/downloads/index.html)**, what does SE stand for?**
10. **What does JDK stand for?**
11. **What does JRE stand for?**
12. **Is the compiler included in the JRE or the JDK?**
13. **What does the acronym JVM stand for?**
14. **What is the point of entry for program execution?**
15. **What does the command javac invoke?**
16. **What does the command java invoke?**
17. **How many methods named main should a program have?**
18. **A variable is a named location in \_\_\_\_\_\_\_\_\_\_\_\_\_.**
19. **A \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a template for making objects.**
20. **An object is an instance of a \_\_\_\_\_\_\_\_\_\_\_\_.**
21. **What are three fundamental concepts of OOP?**
    * **i\_\_\_\_\_\_\_\_\_\_\_\_\_**
    * **e\_\_\_\_\_\_\_\_\_\_\_\_**
    * **p\_\_\_\_\_\_\_\_\_\_\_\_**
22. **What is args in HelloWorld?**
23. **Is the source code extension required when invoking the compiler?**
24. **Is the byte code extension required when invoking the interpreter?**
25. **What is the difference between System.out.print() and System.out.println()?**
26. **What must you type at the command line to launch a Java application with two arguments in the array of Strings that is passed to the main method? For example, to make HelloWorld write your first name and last name to the screen.**
27. **What should be the name of the following source code file?:**
    1. **HelloWorld**
    2. **HelloWorld.txt**
    3. **HelloWorld.java**
    4. **HelloWorldDemoStaticVersion2.java**
    5. **HelloWorld.class**

class HelloWorld

{

    // field OF the class, not ON a object

    static String myString = "Hello World! printed from a static method";

    // method OF the class, not ON an object

    static String showGreeting()

    {

       return myString; // must return a String

    }

    static String showFarewell()

    {

       return "Goodbye"; // String literal

    }

}

class HelloWorldDemoStaticVersion2

{

    public static void main(String[] args)

    {

        //HelloWorld myHelloWorld = new HelloWorld();

        String returnedString = HelloWorld.showGreeting();

        System.out.println(returnedString); // runtime argument

        System.out.println(HelloWorld.showFarewell());

    }

}