



## Review Test Submission: Test01

User	Yolanda Gunter
Course	Object-Oriented Programming (Java) (91199)
Test	Test01
Started	9/29/24 9:16 PM
Submitted	9/29/24 10:25 PM
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Status	Completed
Attempt Score	90.00018 out of 100.0002 points
Time Elapsed	1 hour, 8 minutes
Results Displayed	All Answers, Submitted Answers, Correct Answers, Feedback, Incorrectly Answered Questions

### Question 1

3.33334 out of 3.33334 points



The **char** type uses a standard character representation known as **Unicode** to represent up to 65,535 different characters.

Selected Answer: ☒ True

Answers: ☒ True  
☐ False

### Question 2

3.33334 out of 3.33334 points



All of the software that you need to create, compile, and run Java programs is free.

Selected Answer: ☒ True

Answers: ☒ True  
☐ False

Response Feedback: You will need to download and install the **free** Java JDK from the Oracle. As of 02/21/20, you will find that website at <https://www.oracle.com/java/technologies/javase-downloads.html>

**Question 3**

0 out of 3.33334 points



Java data types can be subdivided into two major categories:

- Primitive types
- User-defined or reference types

Selected Answer: False

Answers: True  
False**Question 4**

3.33334 out of 3.33334 points



For purposes of discussion, primitive types can be subdivided into four categories:

- Whole-number types
- Floating-point types
- Character types
- Boolean types

Selected Answer: True

Answers: True  
False**Question 5**

0 out of 3.33334 points



Java is a type-sensitive language.

Selected Answer: False

Answers: True  
False**Question 6**

3.33334 out of 3.33334 points



Single-line comments begin with // and end at the end of the line.

Selected Answer: True

Answers: True  
False

**Question 7**

3.33334 out of 3.33334 points



When called, a method will usually

- perform an action
- send back an answer. or
- some combination of the two

Selected Answer: ☒ True

Answers: ☒ True  
☐ False

**Question 8**

3.33334 out of 3.33334 points



In Java, you must write all of the methods that you need.

Selected Answer: ☒ False

Answers: ☐ True  
☒ False

**Question 9**

3.33334 out of 3.33334 points



*Class* methods can be called without the requirement to instantiate an object of the class

Selected Answer: ☒ True

Answers: ☒ True  
☐ False

**Question 10**

3.33334 out of 3.33334 points



Java is not a case-sensitive programming language.

Selected Answer: ☒ False

Answers: ☐ True  
☒ False

**Question 11**

3.33334 out of 3.33334 points



A value of type **double** can be (*almost*) any numeric value, positive or negative, but it cannot have a fractional part.

Selected Answer: ☒ False

Answers: ☐ True

☒ False

### Question 12

3.33334 out of 3.33334 points



As the computer program performs its calculations in the correct order, it is often necessary for it to store intermediate results someplace, and then come back and get them to use them in subsequent calculations later.

Selected Answer: ☒ True

Answers: ☒ True

☐ False

Response Feedback: The storage locations for intermediate results are usually called variables.

### Question 13

3.33334 out of 3.33334 points



Java only allows you to use the pre-written methods in the standard class libraries.

Selected Answer: ☒ False

Answers: ☐ True

☒ False

Response Feedback: In addition to the standard methods that are already available, if you need a method to perform some function and there is no standard method already available to perform that function, you can write your own method.

### Question 14

3.33334 out of 3.33334 points



The whole-number types differ in terms of the range of values that they can accommodate and the amount of computer memory required to store instances of the types.

Selected Answer: ☒ True

Answers: ☒ True

☐ False

### Question 15

0 out of 3.33334 points



Given: A Java program consists of one or more source code files. Each source code file can contain one or more class definitions. When the program is compiled, the output will consist of one file with an extension of .class for each source code file.

Selected Answer: ☒ True

Answers: True

☒ False

Response Feedback: Each class definition results in a separate **.class** file regardless of whether or not the classes are defined in separate source files.

### Question 16

3.33334 out of 3.33334 points



You can perform the following five operations with data of type short:

- You can add them together.
- You can subtract one from the other.
- You can multiply one by the other.
- You can divide one by the other.
- You can apply the exponentiation operator to raise a value of type short to a power.

Selected Answer: ☒ False

Answers: True

☒ False

### Question 17

3.33334 out of 3.33334 points



Java is an *extensible* programming language, meaning that there is a core component to the language that is always available. Beyond the core component, different programmers can extend the language in different ways to meet their individual needs.

Selected Answer: ☒ True

Answers: ☒ True

False

### Question 18

3.33334 out of 3.33334 points



The primitive types are not part of the core language.

Selected Answer: ☒ False

Answers: True  
☒ False

### Question 19

3.33334 out of 3.33334 points



In Java, you usually represent a character in your program by surrounding it with quotation marks as shown below:

"A"

Selected Answer: ☒ False  
Answers: True  
☒ False

### Question 20

3.33334 out of 3.33334 points



The most fundamental way to compile and run Java applications is from the command line.

Selected Answer: ☒ True  
Answers: ☒ True  
False

Response Feedback: Although a variety of IDEs are available that can be used to compile and run Java applications, the most fundamental way is to compile and run the programs from the command line. A batch file in Windows, or the equivalent in other operating systems, can be of some help in reducing the amount of typing required to compile and run a Java application from the command line.

### Question 21

3.33334 out of 3.33334 points



If you have an instance of the **byte** type, the set of all possible values that you can store in that instance is the set of all the whole numbers ranging from -256 to +255.

Selected Answer: ☒ False  
Answers: True  
☒ False

### Question 22

3.33334 out of 3.33334 points



A Java method can be thought of as a separate program module that has the ability to do something useful. Having written the method, you can make it available for use as a helper to your main program each time your main program needs to have that useful thing done.

Selected Answer: ☒ True

Answers: ☒ True  
☐ False

### Question 23

3.33334 out of 3.33334 points



With a floating point type, positive exponent values mean that the decimal point should be shifted to the left. Negative exponent values mean that the decimal point should be shifted to the right.

Selected Answer: ☒ False

Answers: ☐ True  
☒ False

### Question 24

3.33334 out of 3.33334 points



Multi-line comments begin with `/#` and end with `#/`

Selected Answer: ☒ False

Answers: ☐ True  
☒ False

### Question 25

3.33334 out of 3.33334 points



Java allows free-standing methods outside of a class definition

Selected Answer: ☒ False

Answers: ☐ True  
☒ False

### Question 26

3.33334 out of 3.33334 points



You need a special IDE to write Java code.

Selected Answer: ☒ False

Answers: ☐ True  
☒ False

**Question 27**

3.33334 out of 3.33334 points



A value of the type **int** may have a fractional part.

Selected Answer: ☒ False

Answers: ☐ True

☒ False

**Question 28**

3.33334 out of 3.33334 points



The **javadoc** tool is a special program that is used to compile Java programs.

Selected Answer: ☒ False

Answers: ☐ True

☒ False

**Question 29**

3.33334 out of 3.33334 points



All Java data types conceptually have something to do with numeric values or arithmetic.

Selected Answer: ☒ False

Answers: ☐ True

☒ False

**Question 30**

3.33334 out of 3.33334 points



In Java, the assignment operator is the % character.

Selected Answer: ☒ False

Answers: ☐ True

☒ False

Sunday, September 29, 2024 10:25:49 PM CDT

← OK