

# Quiz-1

Due Jan 30 at 6pm	Points 29	Questions 29	Time Limit None
Allowed Attempts 2			

## Instructions

In this quiz, you may try 2 times.

Take the Quiz Again

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	124 minutes	26 out of 29

🔒 Correct answers are hidden.

Score for this attempt: **26** out of 29  
Submitted Jan 30 at 5:30pm  
This attempt took 124 minutes.

Question 1

1 / 1 pts

Identify the invalid Java identifier.

☐ amountDue

☐ Week1

☒ 1Week

☐ amount\_due

Good work

## Question 2

1 / 1 pts

In Java, a block comment is delimited by:

☐ /\* /\*

☒ /\* \*/

☐ \*/ \*/

☐ \*/ /\*

Good work

## Question 3

1 / 1 pts

In Java, source code is compiled into object code called \_\_\_\_\_.

☐ Bit-code

☒ Byte-code

☐ Class code

☐ Method code

Good work

#### Question 4

1 / 1 pts

In Java, the equal sign is used as the \_\_\_\_\_ operator.

☐ increment

☐ decrement

☐ negation

☒ assignment

Good work

Incorrect

#### Question 5

0 / 1 pts

Java is an object-oriented programming language. An object-oriented language

☐

Functionally breaks down problems into smaller, more manageable problems.

☐

Uses structured programming.

☐

Views a program as consisting of objects which communicate through interactions.

☒ All of the above.

That's not correct

### Question 6

1 / 1 pts

The escape sequence the represents the new-line character is:

☒ \n

☐ \\\

☐ \r

☐ \t

Good work

### Question 7

1 / 1 pts

The hardest kind of error to detect in a computer program is a:

☐ Run-time error

☐ Syntax error

☐ All of the above

☒ Logic error

Good work

### Question 8

1 / 1 pts

The syntax that declares a Java named constant named SALES\_TAX is:

☒ `public static final double SALES_TAX = 7.50;`

☐ `public double SALES_TAX = 7.50;`

☐ `public static double SALES_TAX = 7.50;`

☐ `double SALES_TAX = 7.50;`

Good work

### Question 9

1 / 1 pts

The value of the expression `(int) 27.6` evaluates to:

☐ None of the above.

☐ 26

☒ 27

☐ 28

Good work

### Question 10

1 / 1 pts

To mark a block comment for inclusion in the Javadoc documentation, the block must be delimited by:

☐ `** / */`

☐ `** / /*`

☒ `/** */`

☐ `*/ * */`

Good work

### Question 11

1 / 1 pts

What is the Java expression for 27xy?

☐  $27 + (x * y)$

☒  $27 * x * y$

☐  $27x * y$

☐  $27 * (x + y)$

Good work

### Question 12

1 / 1 pts

What is the Java expression for  $4a^2 + 2b * c$ ?

☐  $((4 * a * a) + (2 * b)) * c$

☐  $(4 + a * a) + ((2 + b) * c)$

☒  $(4 * a * a) + ((2 * b) * c)$

☐  $(4 * a) + (2 * b) * c$

Good work

### Question 13

1 / 1 pts

What is the value of  $7.52e-5$ ?

☐ 752000.0

☐ 0.000752

☐ 0.00752

☒ 0.0000752

Good work

### Question 14

1 / 1 pts

What is the value of the variable amountDue?

```
double price = 2.50;
```

```
double quantity = 5;
```

```
double amountDue = 0;
```

```
amountDue = price * quantity;
```

☐ 13

☒ 12.5

☐ 12

☐ 12.25

Good work



### Question 15

1 / 1 pts

What is the value of the variable c in the statements that follow?

```
String phrase = "Make hay while the sun is shining.";
```

```
char c = phrase.charAt(10);
```

☐ i

☒ h

☐ w

☐ None of the above

Good work

### Question 16

1 / 1 pts

Which operator is used to concatenate two strings?

☐ \*

☐ /

☐ -

☒ +

Good work

### Question 17

1 / 1 pts

Which operator returns the remainder of integer division?

☐ \*

☐ /

☐ none of the above

☒ %

Good work

### Question 18

1 / 1 pts

A variable of type boolean can be explicitly converted to that of type int.

☐ True

☒ False

Good work

**Question 19****1 / 1 pts**

An advantage of using the Unicode character set is that it easily handles languages other than English.

☒ True

☐ False

Good work

**Incorrect****Question 20****0 / 1 pts**

Applets were designed to run as stand-alone applications.

☒ True

☐ False

That's not correct

**Incorrect****Question 21****0 / 1 pts**

In Java, Strings are immutable objects. Immutable objects can be changed.

☒ True

☐ False

That's not correct

## Question 22

1 / 1 pts

Java began as a language for home appliances.

☒ True

☐ False

Good work

## Question 23

1 / 1 pts

Java does not require that a variable be declared before it is used within a program.

☐ True

☒ False

Good work

**Question 24****1 / 1 pts**

Java is an interpreted language.

☒ True

☐ False

Good work

**Question 25****1 / 1 pts**

Java uses the ASCII character set.

☐ True

☒ False

Good work

**Question 26****1 / 1 pts**

Objects of type String are strings of characters that are written within single quotes.

☐ True

☒ False

Good work

### Question 27

1 / 1 pts

The Java programming language allows you to concatenate two strings using the plus sign.

☒ True

☐ False

Good work

### Question 28

1 / 1 pts

The modulus operator, %, returns the remainder of integer division.

☒ True

☐ False

Good work

### Question 29

1 / 1 pts

The result of integer division is truncated in Java.

☒ True

☐ False

Good work

Quiz Score: **26** out of 29