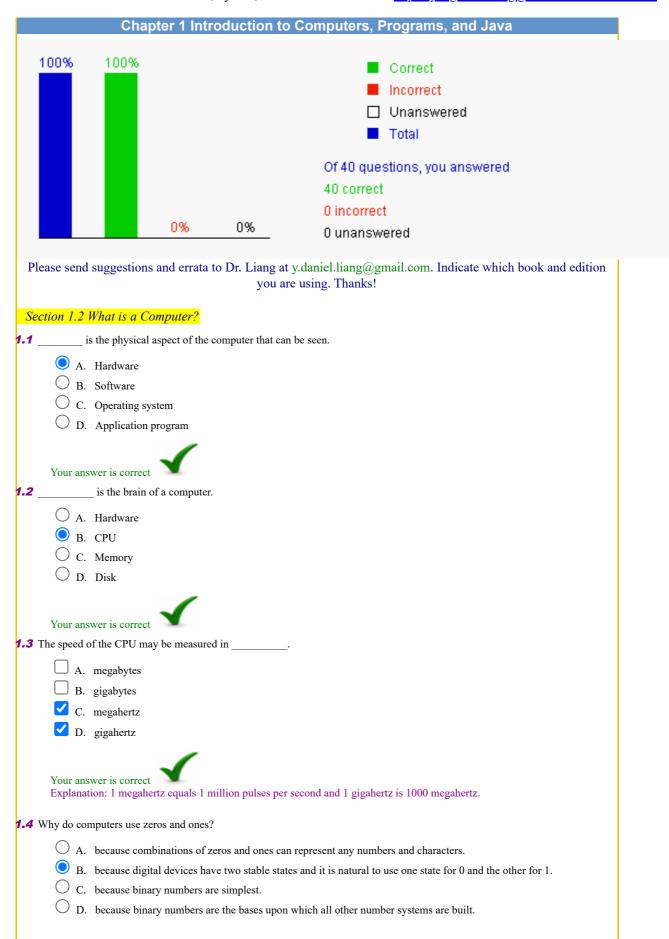
Introduction to Java Programming, Includes Data Structures, Eleventh Edition, Y. Daniel Liang

This quiz is for students to practice. A large number of additional quiz is available for instructors using Quiz Generator from the Instructor's Resource Website. Videos for Java, Python, and C++ can be found at https://yongdanielliang.github.io/revelvideos.html.



	Your answer is correct
1.5 0:	ne byte has bits.
	O A. 4
	B. 8
	O C. 12
	O D. 16
	Your answer is correct
1 6 W	Thich of the following is not permanent storage devices?
7.0 W	
	A. floppy disk
	B. hard disk
	C. flash stick
	D. CD-ROM
	E. main memory
	Your answer is correct Explanation: Disks and CD are used to store data permanently. Data in memory is lost after the power is turned off.
	Explanation. Disks and CD are used to store data permanently. Data in memory is lost after the power is turned on.
1.7	is a device to connect a computer to a local area network (LAN).
	A. Regular modem
	O B. DSL
	C. Cable modem
	O D. NIC
Sact	Your answer is correct Explanation: Network Interface Card (NIC) is a device to connect a computer to a local area network. Tion 1.3 Program Languages
1.8	are instructions to the computer.
<i>1.0</i> _	
	A. Hardware
	B. Software
	C. Programs
	D. Keyboards
	Your answer is correct
1.9 C	omputer can execute the code in
	A. machine language
	B. assembly language
	C. high-level language
	D. none of the above
	Your answer is correct
1.10	translates high-level language program into machine language program.
1	A. An assembler
1	
	B. A compiler
	B. A compiler C. CPU

		wer is correct
Seci	tion 1.4	Operating Systems
1.11		is an operating system.
	O A.	Java
	О в.	C++
	O C.	Windows
	O D.	Visual Basic
	О Е.	Ada
	Vour and	wer is correct
1.12		is a program that runs on a computer to manage and control a computer's activities.
1.12		
	_	Operating system
		Java
		Modem
		Interpreter
	○ E.	Compiler
	Your ans	wer is correct
Seci	tion 1.5	Java, World Wide Web, and Beyond
		developed by
		Sun Microsystems
		Microsoft
		Apple
		IBM
	○ E.	Cisco Systems
	Your ans	wer is correct
1.14	Due to see	curity reasons, Java cannot run from a Web browser in the new version of Java.
	\bigcirc \triangle	applications
	_	applets
	_	servlets
		Micro Edition programs
	О Б.	Wild Edition programs
		swer is correct
1.15		is not an object-oriented programming language.
	O A.	Java
	О в.	C++
	O C.	C
	O D.	C#
	O E.	Python
	37.	√
		wer is correct
1.16	_	is interpreted.
	A.	Java
	_	C++
	О с.	C
	O D.	Ada

	C E. Pascal
	Your answer is correct
1.17	is architecture-neutral.
	A. Java
	O B. C++
	O c. c
	O D. Ada
	C E. Pascal
	Your answer is correct
Sec	tion 1.6 The Java Language Specification, API, JDK, and IDE
1 18	is a technical definition of the language that includes the syntax and semantics of the Java programming
1.10	language.
	A. Java language specification
	B. Java API
	C. Java JDK
	O D. Java IDE
	Your answer is correct
1.19	contains predefined classes and interfaces for developing Java programs.
	A. Java language specification
	B. Java API
	C. Java JDK
	O D. Java IDE
	Your answer is correct
1.20	consists of a set of separate programs for developing and testing Java programs, each of which is invoked from a
	command line.
	A. Java language specification
	O B. Java API
	C. Java JDK
	D. Java IDE
	O. Java IDE
	Your answer is correct
1.21	provides an integrated development environment (IDE) for rapidly developing Java programs. Editing,
,,,,,	compiling, building, debugging, and online help are integrated in one graphical user interface.
	A. Java language specification
	O B. Java API
	C. Java JDK
	O. Java IDE
	Your answer is correct
Sec	tion 1.7 A Simple Java Program
1.22	The main method header is written as:
	()
	A. public static void main(string[] args)
	B. public static void Main(String[] args)
	B. public static void Main(String[] args) C. public static void main(String[] args) D. public static main(String[] args)

E. public void main(String[] args)
Your answer is correct
1.23 Which of the following statements is correct?
-
A. Every line in a program must end with a semicolon.
B. Every statement in a program must end with a semicolon.
C. Every comment line must end with a semicolon.
O. Every method must end with a semicolon.
E. Every class must end with a semicolon.
Your answer is correct
1.24 Which of the following statements is correct to display Welcome to Java on the console?
A. System.out.println('Welcome to Java');
B. System.out.println("Welcome to Java");
C. System.println('Welcome to Java');
D. System.out.println('Welcome to Java");
E. System.out.println("Welcome to Java');
Your answer is correct
Section 1.8 Creating, Compiling, and Executing a Java Program
1.25 The JDK command to compile a class in the file Test.java is
O A. java Test
O B. java Test.java
C. javac Test.java
O D. javac Test
E. JAVAC Test.java
Your answer is correct
1.26 Which JDK command is correct to run a Java application in ByteCode.class?
A. java ByteCode
O B. java ByteCode.class C. javac ByteCode.java
O D. javac ByteCode
E. JAVAC ByteCode
C E. JAVAC ByteCode
Your answer is correct
1.27 Java compiler translates Java source code into
A. Java bytecode
O B. machine code
C. assembly code
O D. another high-level language code
Your answer is correct
1.28 is a software that interprets Java bytecode.
A. Java virtual machine D. Live conville.
O B. Java compiler
○ C. Java debugger○ D. Java API
υ D. Java All I

1.29 Suppose you define a Java class as follows, the source code should be stored in a file named public class Test { A. Test.class O B. Test.doc O C. Test.txt D. Test.java E. Any name with extension .java Your answer is correct 1.30 The extension name of a Java bytecode file is O A. .java O B. .obj C. .class O D. .exe Your answer is correct 1.31 The extension name of a Java source code file is A. .java O B. .obj O C. .class O D. .exe Your answer is correct **1.32** Which of the following lines is not a Java comment? A. /** comments */ B. // comments C. -- comments D. /* comments */ ✓ E. ** comments ** Your answer is correct **1.33** Which of the following are the reserved words? A. public B. static C. void D. class Your answer is correct **1.34** Every statement in Java ends with A. a semicolon (;)

B. a comma (,)
C. a period (.)
D. an asterisk (*)

Your answer is correct **1.35** A block is enclosed inside A. parentheses B. braces C. brackets O D. quotes Your answer is correct Section 1.9 Programming Style and Documentation **1.36** Programming style is important, because A. a program may not compile if it has a bad style B. good programming style can make a program run faster C. good programming style makes a program more readable ✓ D. good programming style helps reduce programming errors Your answer is correct **1.37** Analyze the following code. I: public class Test { public static void main(String[] args) {
 System.out.println("Welcome to Java!"); public class Test { public static void main(String[] args) {
System.out.println("Welcome to Java!"); } } A. Both I and II can compile and run and display Welcome to Java, but the code in II has a better style than I. B. Only the code in I can compile and run and display Welcome to Java. C. Only the code in II can compile and run and display Welcome to Java. D. Both I and II can compile and run and display Welcome to Java, but the code in I has a better style than II. Your answer is correct **1.38** Which of the following code has the best style? public class Test { public static void main(String[] args) { System.out.println("Welcome to Java!"); } public class Test { public static void main(String[] args) { System.out.println("Welcome to Java!"); } III: public class Test { public static void main(String[] args) { System.out.println("Welcome to Java!"); } IV:

<pre>public class Test { public static void main(String[] args) { System.out.println("Welcome to Java!"); } }</pre>
O A. I
О В. II
O C. III
D. IV
S D. IV
Your answer is correct
Section 1.10 Programming Errors
1.39 If a program compiles fine, but it produces incorrect result, then the program suffers
A. a compilation error
B. a runtime error
C. a logic error
Your answer is correct
1.40 If you forget to put a closing quotation mark on a string, what kind of error will be raised?
A. a compile error
B. a runtime error
C. a logic error
Your answer is correct Explanation: This is a syntax error, which will be detected by the compiler.