

Your grade: 100%

Your latest: 100% • Your highest: 100% • To pass you need at least 70%. We keep your highest score.

Next item →

1. Which of the following is the generic term for referencing a program component such as a stored value, method, interface, or class by a custom-named label? 1 / 1 point

- ☐ Variable
- ☐ Constant
- ☒ Identifier
- ☐ Container

✔ Correct  
Correct! An identifier references a program component.

2. Which one of the following applies to interpreted programming languages? 1 / 1 point

- ☐ Available to users who have the same operating system or a device that understands the same language
- ☐ More difficult to write in, but creates faster applications
- ☐ Better for programs installed on the computer or device
- ☒ A smaller program, normally scripted code, that must be created and repeated every time the code is run

✔ Correct  
Correct! This statement describes interpreted programming languages.

3. Which one of the following applies to a compiled programming language compared to an interpreted language? 1 / 1 point

- ☐ Better for websites and smaller processes that need to be repeated
- ☐ Easier to learn and use, but requires an interpreter that can translate the source code into machine code
- ☒ Takes longer to write the code, but it runs faster
- ☐ Creates a smaller program, normally using scripted code

✔ Correct  
Correct! It may take longer to write code in a compiled programming language, but the code will run faster because it is installed on your computer.

4. Which one of the following is an example of a low-level programming language? 1 / 1 point

- ☐ Python
- ☐ SQL
- ☒ ARM
- ☐ Pascal

✔ Correct  
Correct! ARM is an example of a low-level programming language.

5. Which of the following is a type of programming logic with only two values, "true" or "false", and is used in both branching and looping programming logic? 1 / 1 point

- ☐ "if-then-else" statement
- ☐ Branching statements
- ☐ "And-do-while" loop
- ☒ Boolean expression

✔ Correct  
Correct! Boolean logic is a type of programming statement with only two values, "true" or "false", and is used in both branching and looping programming logic.

6. What are the three key standpoints for organizing code? 1 / 1 point

- ☒ Readability, maintainability, and scalability
- ☐ Readability, maintainability, and accessibility
- ☐ Maintainability, accessibility, and scalability
- ☐ Readability, scalability, and accessibility

✔ Correct  
Correct! Readability, maintainability, and scalability are the three main standpoints for organizing code.

7. Which of the following is also often referred to as a scripting language? 1 / 1 point

- ☐ A query language
- ☒ An interpreted programming language
- ☐ A compiled programming language
- ☐ An assembly programming language

✔ Correct  
Correct! Interpreted language is also commonly referred to as scripted or scripting language.

8. Which of the following is a type of looping programming logic? 1 / 1 point

- ☐ goto
- ☒ while
- ☐ if
- ☐ switch

✔ Correct  
Correct! While is a type of looping programming logic.

9. Which of the following is the best type of identifier for a data item whose value does not change? 1 / 1 point

- ☐ Vector
- ☐ Array
- ☐ Variable
- ☒ Constant

✔ Correct  
Correct! Using a constant for data items whose value does not change makes your code easier to read.

10. Which of the following is a software methodology that focuses on objects rather than functions? 1 / 1 point

- ☐ Extreme programming
- ☐ SDLC
- ☒ OOP
- ☐ Modular programming

✔ Correct  
Correct! OOP, or object-oriented programming, is focused on objects rather than functions.