

授權的Scripting-and-Programming-Foundations考試心得擁有模擬真實考試環境與場境的軟件VCE版本&精心準備的Scripting-and-Programming-Foundations: WGU Scripting and Programming Foundations Exam

 WGU Scripting and Programming Foundations - C173
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1. In a flowchart, a decision creates two branches, one for when the decision's expression is true: _____, another when false: _____ the if branch
the else branch

2. If-else branches have statements in each branch. (True or False?) True

3. An if branch has no statements in the else branch. (True or False?) True

4. If-elseif branches have cascaded decisions along the false branches. Only one true branch can execute. (True or False?) True

5. A branch can itself have a decision, known as nested branches as?

6. Multiple if branches can be created, which are independent, so more than one true branch can execute. (True or False?) True

7. ==, !=, <, <=, >, >= Valid equality and relational operators

8. and, or, not logical operators

9. In an expression, operators are evaluated in a specific order based on precedence rules (just like in math). True or False? True

10. Because floating-point numbers aren't represented exactly, they shouldn't be compared for equality (using ==). Instead, they True

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現在有許多IT培訓機構都能為你提供WGU Scripting-and-Programming-Foundations 認證考試相關的培訓資料，但通常考生通過這些網站得不到詳細的資料。因為他們提供的關於WGU Scripting-and-Programming-Foundations 認證考試資料都比較寬泛，不具有針對性，所以吸引不了考生的注意力。

你現在正在為尋找WGU的Scripting-and-Programming-Foundations認證考試的優秀的資料而苦惱嗎？不用再擔心了，這裏就有你最想要的東西。應大家的要求，VCESoft為參加Scripting-and-Programming-Foundations考試的考生專門研發出了一種高效率的學習方法。大家都是一邊工作一邊準備考試，這樣很費心費力吧？為了避免你在準備考試時浪費太多的時間，VCESoft為你提供了只需要經過很短時間的學習就可以通過考試的Scripting-and-Programming-Foundations考古題。這個考古題包含了實際考試中一切可能出現的問題。所以，只要你好好學習這個考古題，那麼通過Scripting-and-Programming-Foundations考試就不再是難題了。

>> Scripting-and-Programming-Foundations考試心得 <<

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在IT領域工作的你，肯定想通過IT認證考試來證明自己的能力吧？而且，擁有IT認證資格的同事和朋友也愈來愈多了吧。在這種情況下，如果一個資格都沒有就趕不上別人了。那麼，你決定參加哪個考試呢？WGU的考試怎麼樣呢？比如像Scripting-and-Programming-Foundations認證考試這樣的考試。這是非常有價值的考試，肯定能幫助你實現你的願望。

WGU Scripting-and-Programming-Foundations 考試大綱：

主題	簡介
主題 1	<ul style="list-style-type: none">Explaining Logic and Outcomes of Simple Algorithms: This section of the exam measures the skills of Entry Level Programmers and covers the ability to read simple algorithms and understand how they work. It focuses on predicting outputs, understanding step by step logic, and identifying how basic instructions create a final result. The goal is to help learners understand algorithm reasoning without requiring advanced coding knowledge.
主題 2	<ul style="list-style-type: none">Identifying Scripts for Computer Program Requirements: This section of the exam measures the skills of Junior Software Developers and covers the ability to match a task with the correct script or programming approach. It highlights how different scripts can satisfy specific requirements and how to recognize the right structure for a given programming problem.
主題 3	<ul style="list-style-type: none">Scripting and Programming Foundations: This section of the exam measures the skills of Junior Software Developers and covers the essential building blocks of programming. It focuses on variables, data types, flow control, and basic design concepts. Learners understand how programming logic works and how different languages handle similar tasks. The section also introduces the difference between interpreted and compiled languages in a simple and practical way.
主題 4	<ul style="list-style-type: none">Using Fundamental Programming Elements: This section of the exam measures skills of Entry Level Programmers and covers the use of basic programming components required in everyday tasks. It includes working with variables, loops, conditions, and simple logic to perform common operations. The focus is on applying these elements correctly to complete small programming assignments in a clear and organized way.

最新的 Courses and Certificates Scripting-and-Programming-Foundations 免費考試真題 (Q82-Q87):

問題 #82

Which expression has a value equal to the rightmost digit of the integer $q = 7777$?

- A. $q / 10000$
- B. $10 \% q$
- C. $q \% 10000$
- D. $q \% 10$

答案: D

解題說明:

Comprehensive and Detailed Explanation From Exact Extract:

To find the rightmost digit of an integer $q = 7777$, we need the units digit (i.e., 7). According to foundational programming principles, the modulo operator (%) with 10 isolates the rightmost digit of a number.

* Option A: "10 % q."

* Compute: $10 \% 7777 = 10$ (since $10 \div 7777$ has a remainder of 10).

* Result: 10 ≠ 7. Incorrect.

* Option B: "q % 10."

* Compute: $7777 \% 10 = 7$ (remainder of $7777 \div 10$, isolating the units digit).

* Result: 7 = rightmost digit. Correct.

* Option C: "q / 10000."
* Compute: $7777 / 10000 = 0.7777$ (floating-point division).
* Result: 0.7777 # 7. Incorrect.
* Option D: "q % 10000."
* Compute: $7777 \% 10000 = 7777$ (since $7777 < 10000$).
* Result: 7777 # 7. Incorrect.

Certiport Scripting and Programming Foundations Study Guide (Section on Modulo Operator).
C Programming Language Standard (ISO/IEC 9899:2011, Section on Multiplicative Operators).
W3Schools: "Python Operators" (https://www.w3schools.com/python/python_operators.asp).

問題 #83

Which snippet represents the loop condition expression in the given code?

- A. $F < 27$
- B. $F = f + 2$
- C. Integer $f = 1$
- D. Put f to output

答案: A

解題說明:

The loop condition expression is the part of a loop that determines whether the loop will continue to execute or terminate. It is evaluated before each iteration of the loop, and if it evaluates to true, the loop body is executed; if it evaluates to false, the loop terminates. In the options provided, $F < 27$ is a Boolean expression that checks if f is less than 27, which is typical of a loop condition used to control the number of iterations of the loop.

問題 #84

Which value would require an integer as a data type?

- A. The weights of every patient involved in a pharmaceutical
- B. The number of students in a section
- C. An approximation of the number pi to five decimal places
- D. The cost of a dinner including tax and tip

答案: B

解題說明:

An integer data type is used to represent whole numbers without any fractional or decimal component. In the given options:
* A. The number of students in a section is a countable quantity that does not require a fractional part, making it suitable for an integer data type.
* B. The cost of a dinner including tax and tip would typically involve a decimal to account for cents, thus requiring a floating-point data type.
* C. The weights of patients are usually measured with precision and can have decimal values, necessitating a floating-point data type.
* D. An approximation of the number pi to five decimal places is a decimal value and would require a floating-point data type.

References:

* The use of integer data types for countable quantities is a fundamental concept in programming and can be found in introductory programming textbooks such as "Starting Out with Programming Logic and Design" by Tony Gaddis and online resources like the Mozilla Developer Network's (MDN) Web Docs on JavaScript data types.

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問題 #85

A software team has been commissioned to create an animation application. Which event takes place during the analysis phase in the Agile approach?

- A. Deciding to add five new capabilities to the animation application based on customer feedback
- B. Sending the application to customers for additional evaluation after new features are added

- C. Writing the code for five new capabilities
- D. Deciding that new capabilities in the animation application will be written as functions without the need for any new objects

答案: A

解題說明:

Comprehensive and Detailed Explanation From Exact Extract:

In Agile, the analysis phase (often part of sprint planning or backlog refinement) involves gathering and refining requirements, typically as user stories or features, based on stakeholder input. According to foundational programming principles and Agile methodologies (e.g., Certiport Scripting and Programming Foundations Study Guide, Agile Manifesto), the analysis phase focuses on defining what the system should do.

* Agile Analysis Phase:

- * Identifies and prioritizes requirements, often incorporating customer feedback.
- * Produces user stories or feature lists (e.g., "add new animation effects").
- * Option A: "Deciding that new capabilities in the animation application will be written as functions without the need for any new objects." This is incorrect. This decision involves technical design (e.g., choosing procedural vs. object-oriented approaches), which occurs in the design phase, not analysis.
- * Option B: "Sending the application to customers for additional evaluation after new features are added." This is incorrect. This occurs during testing or deployment phases (e.g., sprint review or user acceptance testing), not analysis.
- * Option C: "Deciding to add five new capabilities to the animation application based on customer feedback." This is correct. In Agile, analysis includes refining the product backlog by adding new features (capabilities) based on customer feedback, such as new animation effects or tools.
- * Option D: "Writing the code for five new capabilities." This is incorrect. Writing code occurs during the implementation phase, not analysis.

Certiport Scripting and Programming Foundations Study Guide (Section on Agile Analysis).

Agile

Manifesto: "Customer Collaboration" (<http://agilemanifesto.org/>).

Cohn, M., User Stories Applied (Chapter 2: Agile Requirements).

問題 #86

Which operator is helpful in determining if an integer is a multiple of another integer?

- A. +
- B. /
- C. ||
- D. %

答案: D

解題說明:

Comprehensive and Detailed Explanation From Exact Extract:

To determine if one integer is a multiple of another, the modulo operator (%) is used. According to foundational programming principles, the modulo operator returns the remainder of division, and if the remainder is zero, the first integer is a multiple of the second.

* Option A: "/" This is incorrect. The division operator (/) returns the quotient of division, which may include a decimal (e.g., $7 / 2 = 3.5$). It does not directly indicate if one number is a multiple of another.

* Option B: "||." This is incorrect. The logical OR operator (||) is used for boolean operations (e.g., in conditional statements) and is unrelated to checking multiples.

* Option C: "+" This is incorrect. The addition operator (+) adds two numbers and is not used to check if one is a multiple of another.

* Option D: "%." This is correct. The modulo operator (%) returns the remainder after division. If $a \% b = 0$, then a is a multiple of b (e.g., $10 \% 5 = 0$, so 10 is a multiple of 5).

Certiport Scripting and Programming Foundations Study Guide (Section on Operators).

C Programming Language Standard (ISO/IEC 9899:2011, Section on Arithmetic Operators).

W3Schools: "Python Operators" (https://www.w3schools.com/python/python_operators.asp).

問題 #87

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每個人心裏都有一個烏托邦的夢，夢境的虛有讓人覺得心灰意冷，在現實中，其實這並不是虛有的，只要你採取一定的方法，一切皆有可能。WGU的Scripting-and-Programming-Foundations考試認證將會從遙不可及變得綽手可得。這是為什麼呢，因為有VCESoft WGU的Scripting-and-Programming-Foundations考試培訓資料在手，VCESoft WGU的Scripting-and-Programming-Foundations考試培訓資料是IT認證最好的培訓資料，它以最全最新，通過率最高而聞名，而且省時又省力，有了它，你將輕鬆的通過考試。實現了你的夢想，你就有了自信，有了自信你將走向成功。

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