

Latest Web-Development-Applications Test Questions - Latest Web-Development-Applications Exam Questions Vce



WGU C777 Web Development Applications Exam Questions with 100% Correct Answers | Verified | Latest Update

App -

Correct Answer-Relatively small applications developed exclusively for mobile devices

<nav> -

Correct Answer-structure element in HTML5 that includes hypertext menus to access various pages of the web site

HTML5 API's -

Correct Answer-Create Apps for Mobile Devices

Web development Trifecta -

Correct Answer-HTML, CSS, and JavaScript

Benefit of developing Web pages using the Web Development Trifecta -

Correct Answer-You can create Web pages that easily adapt to smartphones, tablets, gaming devices, and smart TVs, as well as to traditional computers

HTML 4.01 Strict -

Correct Answer-required the separation of presentation and content.

Deprecation tags we disallowed and generated validation errors.

HTML 4.01 Transitional -

Correct Answer-allowed developers to insert formatting using either CSS or traditional layout instructions

HTML

4.01

Frameset

Correct Answer-Required for pages that used HTML frames, which placed Web pages inside each other to create separate panes in the browser window.

controls="controls" -

Correct Answer-<audio> element must have this attribute and value to incorporate default audio operations.

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Latest Web-Development-Applications Exam Questions Vce & New Web-Development-Applications Test Sample

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WGU Web-Development-Applications Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Creating Adaptive Web Documents and Pages: This section of the exam measures skills of Front-End Designers and covers the techniques needed to make websites display correctly across traditional desktops and mobile devices. It emphasizes adaptive page layout, flexible formatting, and user-friendly presentation so that content remains readable and functional on screens of different sizes. Candidates are expected to show an understanding of how to create consistent designs that respond smoothly to device changes.
Topic 2	<ul style="list-style-type: none">• HTML5, CSS3, and JavaScript Foundations: This section of the exam measures skills of Web Developers and covers the essential ability to manually code using HTML5, CSS3, and JavaScript to create structured, visually styled, and interactive web content. It focuses on building accurate page layouts, applying modern styling rules, and writing basic scripts that support user interaction. The aim is to ensure candidates can construct professional web documents using current standards and properly integrate all three technologies.
Topic 3	<ul style="list-style-type: none">• Validation, Testing, and Form Development: This section of the exam measures skills of Web Developers and covers the ability to validate code, test web pages for accuracy, and build form components. It includes understanding how to detect errors, ensure compliance with standards, and implement form fields with inline validation to improve user experience. The focus is on creating forms that work reliably, meet usability expectations, and maintain proper data entry flow.
Topic 4	<ul style="list-style-type: none">• Responsive Web Design (RWD) for Browsers and Apps: This section of the exam measures skills of Front-End Designers and covers concepts related to mobile-first layout planning, responsive frameworks, and techniques used to ensure compatibility with modern browsers and applications. Candidates must demonstrate how to adjust elements for better usability on mobile devices and apply responsive strategies that allow a single design to function seamlessly across various environments.

WGU Web Development Applications Sample Questions (Q101-Q106):

NEW QUESTION # 101

What is the effect of using the in-line validation process during user input?

- A. Increased computation on the server
- B. More successful form completion rates
- C. Larger number of errors created
- D. Slower rate of form completion

Answer: B

Explanation:

Inline validation during user input provides immediate feedback to the user about the correctness of their input. This real-time

feedback helps users correct mistakes as they go, leading to higher rates of successful form completion.

* **Inline Validation:** Inline validation refers to checking the validity of input data as it is entered, rather than waiting until the form is submitted. This helps users to receive immediate feedback and correct errors on the spot.

* **Benefits:**

* **Immediate Feedback:** Users can correct mistakes immediately, which helps reduce frustration and confusion.

* **Increased Success Rates:** By providing real-time feedback, users are more likely to complete the form correctly, resulting in higher completion rates.

* **User Experience:** Improves the overall user experience by making the process more interactive and user-friendly.

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Nielsen Norman Group on [Inline Validation](#)

MDN Web Docs on [Constraint Validation](#)

NEW QUESTION # 102

Which attribute is related to moving the mouse pointer of an element?

- A. Onmouseup
- B. onmouseenter
- C. Onmouseout
- D. **Onmouseover**

Answer: D

Explanation:

The `onmouseover` attribute in HTML and JavaScript is used to execute a script when the mouse pointer is moved over an element.

* **onmouseover Attribute:** This event occurs when the mouse pointer is moved onto an element. It is commonly used to change styles or content of the element when the user interacts with it by hovering.

* **Usage Example:**

`<p onmouseover="this.style.color='red'">Hover over this text to change its color to red.</p>` In this example, the text color changes to red when the mouse pointer is moved over the paragraph.

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MDN Web Docs on [onmouseover](#)

W3C HTML Specification on [Events](#)

NEW QUESTION # 103

Given the following CSS code:

Which portion is the rule?

- A.
- B.
- C.
- D.

Answer: B

Explanation:

In CSS, a rule is composed of a selector and a declaration block. The rule is the entire part that defines how styles should be applied to elements matching the selector.

* **CSS Rule Components:**

* **Selector:** Identifies the HTML elements to be styled (e.g., `body`, `name`, `#item`).

* **Declaration Block:** Contains one or more declarations, each consisting of a property and a value, enclosed in curly braces `{ }.`

* **Example Analysis:**

* **Option A:**

```
body {  
background-color: white;  
}
```

This is the full rule, consisting of the selector `body` and the declaration block `{ background-color: white; }.`

* **Option B:**

```
background-color: white;
```

This is just a declaration, not a complete rule.

background-color: white;

This is an incorrect declaration due to the comma, and not a complete rule.

* Option D:

color: black

This is just a declaration, not a complete rule.

:

W3C CSS Syntax and Basic Data Types Module Level 3

MDN Web Docs - CSS Syntax

NEW QUESTION # 104

Which markup ensures that the data entered are either a five-digit zip code or an empty string?

- A. Input required min="s" max="s"
- B. `<input pattern=/d{5}>`
- C. Input class =" (0-9) (5)">
- D. `<input type="number" value="s"`

Answer: B

Explanation:

The pattern attribute in the `<input>` element is used to define a regular expression that the input value must match for it to be valid.

The pattern `\d{5}` ensures that the data entered is either a five-digit zip code or an empty string (if the required attribute is not used).

* Pattern Explanation:

* `\d{5}`: Matches exactly five digits.

* This ensures that only a five-digit number or an empty string (if not required) is valid.

* Usage Example:

`<input type="text" pattern="d{5}" placeholder="Enter a 5-digit zip code">` This ensures that the input matches a five-digit zip code.

References:

* MDN Web Docs on pattern

* Regular Expressions Documentation

NEW QUESTION # 105

Given the following code:

□ What is occurring?

- A. An event handler is tracking keyboard strokes.
- B. **JavaScript is using the DOM to make a style change.**
- C. In-line CSS is styling the `<h1>` tag.

Answer: B

Explanation:

The given code snippet demonstrates how JavaScript can manipulate the DOM to change the style of an element.

* Code Analysis:

* Given the HTML:

`<h1 id="id1">Blog Title</h1>`

`<button type="button" onclick="document.getElementById('id1').style.color = 'red'">Click Here</button>`

* When the button is clicked, the JavaScript code within the onclick attribute changes the color of the `h1` element to red.

* Explanation:

* Option A: An event handler tracking keyboard strokes is incorrect because the event handler is tracking a mouse click, not keyboard strokes.

* Option B: JavaScript is using the DOM to make a style change is correct because the onclick attribute contains JavaScript code that modifies the style of the `h1` element.

* Option C: In-line CSS is styling the `<h1>` tag is incorrect because the style change is done via JavaScript, not inline CSS.

* References:

* MDN Web Docs - `Document.getElementById()`

* W3Schools - JavaScript HTML DOM

NEW QUESTION # 106

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