

Important Tips to Pass WGU Web-Development-Applications Exam Quickly

WGU C777 Web Development Applications Pre-Assessment, Questions and answers, 100% Accurate.

The HTML5 specification for the <audio> element does not require a specific audio codec to be supported, but it does support three audio formats: MP3, Ogg and WAV.

Which major browser supports all three audio formats? - ✓✓-Chrome

You are developing pages for your company's Web site. You create an HTML5 search field using the following code:

```
<input type="search" name="search">
```

When you test the page on various browsers, the first browser supports the new input type and displays the search field. The second browser does not support this new input type and gracefully degrades.

What type of field does the second browser display? - ✓✓-A text box

Kwan is using JavaScript extensively to add interactivity to his Web site. Contained within his script is a counter object that calculates a date based on a number input by the user.

Which term describes the calculation process that Kwan's counter object performs? - ✓✓-Method

The HTML5 File API can be used to: - ✓✓-create preview thumbnail images during image uploads

What is the basic code you would need to define a named function that returns a value? - ✓✓-function
myFunction() { return value; }

For the Web-Development-Applications web-based practice exam no special software installation is required. because it is a browser-based Web-Development-Applications practice test. The web-based WGU Web Development Applications practice exam works on all operating systems like Mac, Linux, iOS, Android, and Windows. In the same way, IE, Firefox, Opera and Safari, and all the major browsers support the web-based WGU Web-Development-Applications Practice Test. So it requires no special plugins.

WGU Web-Development-Applications Exam Syllabus Topics:

| Topic | Details |
|---------|--|
| Topic 1 | <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 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"> • 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 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. |

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WGU Web Development Applications Sample Questions (Q62-Q67):

NEW QUESTION # 62

Which HTML element should a developer use to logically group a set of related HTML elements?

- A. input
- B. Datalist
- **C. Fieldset**
- D. Select

Answer: C

Explanation:

The<fieldset>element is used to group a set of related HTML elements in a form. It provides a way to logically group related controls and labels.

* Fieldset Element: The<fieldset>element can be used to create a group of form controls, along with an optional<legend>element that provides a caption for the group.

* Usage Example:

```
<fieldset>
<legend>Personal Information</legend>
<label for="name">Name:</label>
<input type="text" id="name" name="name">
<label for="email">Email:</label>
<input type="email" id="email" name="email">
</fieldset>
```

This groups the name and email input fields under the legend "Personal Information".

:

MDN Web Docs on<fieldset>
W3C HTML Specification on Fieldset

NEW QUESTION # 63

A file named application, Appcache contains the following content:

Which attribute should a developer set to application. Appcache so the four files will be cached?

- A. The manifest attribute of the <html> element
- B. The srcset attribute of the <source> element
- C. The src attribute of the <script> element
- D. The href attribute of the <Link> element

Answer: A

Explanation:

To specify a cache manifest file for an HTML document, the manifest attribute must be set in the <html> element. This attribute tells the browser to cache the files listed in the manifest for offline use.

* Cache Manifest:

* Purpose: Specifies resources that should be cached by the browser.

* Attribute: manifest is used in the <html> tag to link the cache manifest file.

* Example:

* Given the manifest file application.appcache:

CACHE MANIFEST

CACHE:

default.html

stylesheet.css

functions.js

logo.jpg

* HTML with the manifest attribute:

<html manifest="application.appcache">

</html>

* References:

* MDN Web Docs - Offline Web applications

* W3C HTML5 Specification - manifest attribute

NEW QUESTION # 64

Which structure tag should a developer use for blogs, images, and social media posts?

- A. <section>
- B. <article>
- C. <main>
- D. <aside>

Answer: B

Explanation:

The <article> element represents a self-contained composition in a document that is intended to be independently distributable or reusable. It is ideal for blog entries, news stories, forum posts, and similar content.

"The <article> element is used for content that forms an independent part of a document or site such as blog entries, news items, or user comments."

"It is suitable for self-contained content that could stand on its own if distributed separately." References:

HTML5 Specification (Sectioning Content) - W3C

HTML Reference Guides - MDN

NEW QUESTION # 65

What should a developer correct before revalidating after a code validator reports multiple errors in code?

- A. Only JavaScript errors
- **B. The first reported error**
- C. The last reported error
- D. Only CSS errors

Answer: B

Explanation:

When using a code validator to check your HTML, CSS, or JavaScript code, it's essential to address errors in a systematic manner. The correct approach is to correct the first reported error before revalidating. This method is recommended because often, the first error can cause a cascade of subsequent errors or warnings.

By fixing the first error, you may automatically resolve other errors that were reported later.

* Reasoning:

* Cascading Errors: The first error in the code might lead to multiple subsequent errors. Fixing it can sometimes resolve those cascading errors, reducing the overall number of errors in the next validation.

* Logical Flow: Addressing errors in the order they appear maintains a logical flow and makes debugging more manageable.

* Steps to Follow:

* Step 1: Run the code through the validator.

* Step 2: Identify the first reported error.

* Step 3: Correct the first error.

* Step 4: Revalidate the code to check if the error count has reduced or if new errors appear.

* Step 5: Repeat the process until all errors are resolved.

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W3C Markup Validation Service

MDN Web Docs - Debugging HTML

W3C CSS Validation Service

NEW QUESTION # 66

Given the following CSS code:

□ Which type of selector is used?

- A. Class
- **B. ID**
- C. Group
- D. Element

Answer: B

Explanation:

The given CSS code uses the `#name` selector, which is an ID selector. The ID selector is used to style an element with a specific id attribute.

* ID Selector: In CSS, the ID selector is used to style the element with the specific id. The syntax for the ID selector is `#id`, where id is the id attribute value of the HTML element.

* Usage Example:

```
#name {
text-align: left;
}
```

This CSS rule will apply the `text-align: left;` style to the element with `id="name"`.

* ID Selector Characteristics:

* An ID must be unique within a document, meaning it can be used only once per page.

* ID selectors are more specific than class selectors and element selectors.

* Example in HTML:

```
<div id="name">This is a div with ID "name".</div>
```

References:

* MDN Web Docs on CSS Selectors

* W3C CSS Specification on Selectors

NEW QUESTION # 67

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