HTML5 Exam Answer

Question 1:

1. What is the use of the <link> tag?

* The <link> tag defines the relationship between the current document and an external resource.
* The <link> tag is most often used to link to external style sheets or to add a favicon to your website.

1. With which tags is the <source> element associated?

* The <source> tag is used to specify multiple media resources for media elements, such as <video>, <audio>, and <picture>.
* The <source> tag allows you to specify alternative video/audio/image files which the browser may choose from, based on browser support or viewport width. The browser will choose the first <source> it supports.

1. What is the best way to code the sample shown?

<!DOCTYPE html>

<html>

<body>

<details>

<summary>Parmesan Deviled Eggs </summary>

<p>These delectable little bites are made <br> with organic eggs, fresh Parmesan, and <br> chopped pine nuts.</p>

</details>

</body>

</html>

1. When should you use <ol> and <ul> elements?

* We should use <ul> when we want to create an unordered (bulleted) list.
* We should use <ol> when we want to create a list displayed with numbers or letters.

1. How do you confirm that a document is written in HTML5?

* The <! DOCTYPE html> tag is required for HTML5 and should always be the very first thing in your HTML document. This helps the browser know which version of HTML you're using.

1. What does the code shown below accomplish?

<source srcset="image1.jpg" media="(min-width:1000px)" />

* It specifies that when the viewport width is at least 1000 pixels, the browser should use image1.jpg.

<source srcset="image2.jpg" media="(min-width:750px)" />

* This specifies that when the viewport width is at least 750 pixels but less than 1000 pixels (first condition isn’t met), the browser should use image2.jpg.

<img src="image3.jpg" />

* This provides a fallback image (image3.jpg) to be used if none of the <source> conditions are met, or if the browser does not support the <picture> element.

1. What code will produce this table?

<!DOCTYPE html>

<html>

<head>

<style>

</style>

</head>

<body>

<table>

<colgroup>

<col span="2" style="background-color:yellow">

</colgroup>

<tr>

<th>Col 1</th>

<th>Col 2</th>

<th>Col 3</th>

</tr>

<tr>

<td>first</td>

<td>second</td>

<td>third</td>

</tr>

</table>

</body>

</html>

1. What is the correctly nested markup for this list?

<!DOCTYPE html>

<html>

<body>

<ul>

<li>Office Supplies

<ul>

<li>Stapler</li>

<li>Paper clips</li>

</ul>

</li>

<li>Groceries

<ul>

<li>Milk</li>

</ul>

</li>

</ul>

</body>

</html>

1. What is the semantically correct way to mark up this layout?

<blockquote>

"Making money is what you have to <br>do to sustain a buisness - being<br> driven to make something of value<br> and purpose is much more<br> powerful."

<br><br>

<cite>Lynda Weinman</cite>

</blockquote>

10- What is the correct way to code a link that, when clicked,

will send an email to email@example.com with the subject of

"Hello"?

a) <a href="mailto:email@example.com&subject=Hello">Click

me</a>

b) <a href="mailto:email@example.com">Hello</a>

c) <a href="mailto:email@example.com?subject=Hello">Click

me</a>

d) <a href="mailto:email@example.com?&subject=Hello">Click

me</a>

Ans: Option c is the correct choice

<a href="mailto:email@example.com?subject=Hello">Click me</a>

" mailto:": This protocol handler tells the browser that the link is an email link.

"email@example.com": This is the email address to which the email will be sent.

"?subject=Hello": This part adds a subject to the email. The question mark (?) is used to start the query string, and subject=Hello specifies the subject of the email.

11-What is the best semantic to use Quotes in HTML?

Steve Kruz said: "He will Win

Ans: Both the <q> and <blockquote> tags provide a semantic markup for quotations.

* Use the <blockquote> element. This tag is intended for longer quotations and usually results in the text being indented by default in most browsers.

<blockquote>

Steve Kruz said: "He will Win."

</blockquote>

* Use the <q> element. This tag is meant for shorter, inline quotes and browsers typically add quotation marks around the text.

<p>Steve Kruz said: <q>He will Win. </q></p>

12- What is the best way to mark up this

layout?

<!DOCTYPE html>

<html>

<body>

<h1>Mailing Address</h1>

<address>

6410 Via Real <br>

Carpinteria, CA 93013 <br>

<a href="mailto:info@linkedin.com">info@linkedin.com</a>

</address>

</body>

</html>

13- What is wrong with this code?

Ans: <h2> tag should be written before the start of the list and not as a part of it

14- HTML elements that aren't meant to store

content or other elements are called \_void elements\_\_\_

elements. [complete]

Ans: void elements

Question 2: Make This Possible:

Answered : Github:

https://github.com/malekluka/DEPI-Task1-.git