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IBM CAD101EN
Introduction to Web Development with HTML5, CSS3, and JavaScript

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Module 3 - Graded Quiz

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Graded Quiz due Dec 15, 2023 08:33 IST   Completed

Question 1

1/1 point (graded)
Which of the following ways of applying CSS has the highest priority, and will override the other ways?

○ Whichever way is specified in the HTML markup

○ Internal CSS, applied within the "< style >" attribute in HTML markup

◉ Inline CSS, placed directly in each HTML element

○ An external CSS file

✓

Answer
Correct:
Inline CSS has the highest order of precedence, and will override other styles. Review the "CSS – Styling HTML" video for more details on this.
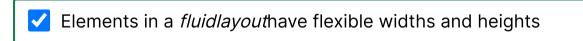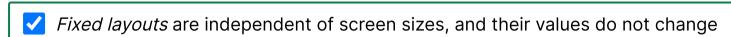
Submit | You have used 1 of 2 attempts

Question 2

1/1 point (graded)
Select **all** of the following which are true in describing a fluid and/or fixed layout.

☐ A *fixed layout* specifies element sizes using percentages

☑ Elements in a *fluidlayout* have flexible widths and heights

☐ *Fluid layouts* should always be used when designing a website

☑ *Fixed layouts* are independent of screen sizes, and their values do not change

✓

Answer
Correct:
The widths and heights of elements in a fluid layout are flexible and can change. Review the "CSS – Styling HTML" video for more details on this.
Fixed layouts specify the height and width of elements which remain the same regardless of how the website is accessed. Review the "CSS – Styling HTML" video for more details on this.

Submit | You have used 1 of 2 attempts

Question 3

1/1 point (graded)
Which of the following tags define a caption for a < fieldset > element?

○ < caption >

○ < label >

⦿ < legend >

◯ < title >

✔

Answer
Correct:
The < legend < tag is used to define a caption for a < fieldset > element. Review the "Additional HTML Elements" reading for more details on this.

Submit   You have used 1 of 2 attempts

Question 4

1/1 point (graded)
What is a *modifier*?

◯   A method used to modify CSS styling applied to an HTML element

◯   A type of button which allows you to modify content in a form

◯   The term used to refer to a JavaScript class which updates content on a webpage

⦿   A special class modifies the appearance of elements by applying a CSS attribute based on the condition described

✔

Answer
Correct:
Modifiers are used in utility frameworks, such as Tailwind CSS, to conditionally apply a utility class to an element. Modifiers, which describe the condition you want to target, are added before a class name. Review the "CSS Frameworks" video for more details on this.

Submit   You have used 1 of 2 attempts

Question 5

1/1 point (graded)
Which semantic tag is used to display any content which is *indirectly* related to the main content of the document?

◯   < details >

◯   < article >

⦿   < aside >

◯   < section >

✔

Answer
Correct:
The < aside > tag provides additional information that is related to the main content. Review the "Common HTML5 Tags and Structural Elements" reading for more details on this.

Submit   You have used 1 of 2 attempts

Question 6

1/1 point (graded)

Which type of input control would be most apt for selecting *height* in a form?

- ◯ range
- ◯ list
- ◯ tel
- 🔵 number ✓

Answer
Correct:
Using the 'number' type would allow the user to enter any custom number, as well as allow you to set a range/step (e.g. if you only want to allow whole numbers, with a maximum of 2m). Review the "HTML5 Input Element: Attributes for the Input Tag" video for more details on this.

Submit   You have used 1 of 2 attempts

Question 7

1/1 point (graded)

Which of the following is a disadvantage of a **Component Framework** ?

- ◯ HTML markup is more verbose since styles are mixed with content
- 🔵 Components are limited only to what the framework provides ✓
- ◯ It is more difficult to maintain a uniform style throughout the website
- ◯ Download size of HTML markup is increased

Answer
Correct:
Since component frameworks provide you with pre-styled components, you are limited to using these components. Styling anything else requires the use of Vanilla CSS or an additional framework. Review the "CSS Frameworks" video for more details on this.

Submit   You have used 1 of 2 attempts

Question 8

1/1 point (graded)

Which tag is used to represent an independent item of content in a document, which can be meaningful on its own?

- ◯ < section >
- ◯ < div >
- 🔵 < article >

○ < details >

✓

Answer
Correct:
The < article > tag represents a block of code that can logically stand alone. Review the "Common HTML5 Tags and Structural Elements" reading for more details on this.

| Submit | You have used 1 of 2 attempts |

Question 9

1/1 point (graded)
Which element defines a caption for the < figure > element?

○ < legend >

○ < label >

● **< figcaption >**

○ < title >

✓

Answer
Correct:
The < figcaption > tag defines the caption for the contents of the < figure > element. Review the "Common HTML5 Tags and Structural Elements" reading for more details on this.

| Submit | You have used 1 of 2 attempts |

Question 10

1/1 point (graded)
Which type of input control can be used to accept only numbers in a form?

○ tel

● **number**

○ integer

○ digit

✓

Answer
Correct:
The input type - number takes a numeric value as input. Review the "HTML5 Input Element: Attributes for the Input Tag" video for more details on this.

| Submit | You have used 1 of 2 attempts |

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