**HTML COURSE CONTENT:**

1. **Html introduction**

Question 1:

What is the Front-End in web development?

A) The part users do not see

B) The part that users interact with

C) The server-side processing

D) The security mechanism

Correct Answer: B) The part that users interact with

Question 2:

Which of the following is responsible for what the user does not see and interacts behind the scenes?

A) Front-End

B) Back-End

C) User Interface

D) HTML

Correct Answer: B) Back-End

Question 3:

What is the first step to becoming a web developer or game developer according to the text?

A) Learn JavaScript

B) Learn HTML

C) Learn Python

D) Learn PHP

Correct Answer: B) Learn HTML

Question 4:

What is HTML mainly used for according to the text?

A) Designing the website layout

B) Building the website structure and placing elements

C) Server-side scripting

D) Managing databases

Correct Answer: B) Building the website structure and placing

Question 5:

Who is responsible for the website's visible design, including images, fonts, and shapes?

A) Back-End developer

B) Front-End developer

C) Database administrator

D) Network engineer

Correct Answer: B) Front-End developer

1. **Html basics**

Question 1:

What is the primary role of CSS in web development?

A) Adding animations and reactions

B) Structuring the website elements

C) Styling and formatting the website elements

D) Managing the database

Correct Answer: C) Styling and formatting the website elements

Question 2:

What language is responsible for adding interactivity and animations to a website?

A) HTML

B) CSS

C) JavaScript

D) Python

Correct Answer: C) JavaScript

Question 3:

In the house-building analogy, what does CSS represent?

A) The house foundations

B) The house decorations and paint

C) The bricks and pillars

D) The doors and locks

Correct Answer: B) The house decorations and paint

Question 4:

Which of the following languages is used for building the structure (foundation) of a website?

A) JavaScript

B) HTML

C) Python

D) CSS

Correct Answer: B) HTML

Question 5:

What is necessary to store and manage data in a web application?

A) HTML

B) JavaScript

C) Database

D) CSS

Correct Answer: C) Database

Question 6:

Which of the following is a popular programming language for Back-End development mentioned in the text?

A) JavaScript

B) Python

C) HTML

D) CSS

Correct Answer: B) Python

Question 7:

Which tool is suggested as the best code editor for development in the text?

A) Google Chrome

B) Visual Studio Code (VSCode)

C) MySQL

D) Sublime Text

Correct Answer: B) Visual Studio Code (VSCode)

Question 8:

What is the purpose of the `<head>` tag in HTML?

A) To define the structure of the website

B) To display content visible to users

C) To hold metadata and page settings

D) To create interactive elements

Correct Answer: C) To hold metadata and page settings

Question 9:

Which of the following is visible to users on the page?

A) `<head>`

B) `<body>`

C) `<html>`

D) Title tag

Correct Answer: B) `<body>`

Question 10:

What does the term "attribute" in HTML refer to?

A) The structure of the page

B) A tag that holds content

C) A property that adds additional information to an element

D) A style feature for layout

Correct Answer: C) A property that adds additional information to an element

1. **Html headings**

Question 1:

Which of the following HTML tags is used for the largest heading?

A) `<h6>`

B) `<h1>`

C) `<h3>`

D) `<h4>`

Correct Answer: B) `<h1>`

Question 2:

What is the purpose of the `<h2>` tag in HTML?

A) To define the smallest heading

B) To create the main title of the page

C) To create a secondary heading

D) To structure paragraphs

Correct Answer: C) To create a secondary heading

Question 3:

Which heading tag represents the smallest heading in HTML?

A) `<h1>`

B) `<h3>`

C) `<h4>`

D) `<h6>`

Correct Answer: D) `<h6>`

Question 4:

How many levels of headings are available in HTML?

A) 4

B) 5

C) 6

D) 7

Correct Answer: C) 6

Question 5:

Which of the following is typically used for the title of a web page?

A) `<h1>`

B) `<h5>`

C) `<h3>`

D) `<h6>`

Correct Answer: A) `<h1>`

Question 6:

If you want to create a subsection under an `<h2>` heading, which tag would you most likely use?

A) `<h6>`

B) `<h3>`

C) `<h1>`

D) `<h4>`

Correct Answer: B) `<h3>`

Question 7:

Which of the following is true about HTML headings?

A) Headings do not affect the structure of the page.

B) `<h1>` is smaller than `<h3>`.

C) Headings help structure the content of the webpage.

D) There are 8 levels of headings in HTML.

Correct Answer: C) Headings help structure the content of the webpage.

1. **Html paragraph**

Question 1:

Which HTML tag is used to make text bold without adding any semantic importance?

A) `<b>`

B) `<strong>`

C) `<i>`

D) `<mark>`

Correct Answer: A) `<b>`

Question 2:

Which HTML tag is used to add semantic importance to bold text?

A) `<b>`

B) `<i>`

C) `<strong>`

D) `<mark>`

Correct Answer: C) `<strong>`

Question 3:

What does the `<mark>` tag do to the text inside it?

A) Italicizes the text

B) Highlights the text

C) Makes the text bold

D) Strikes through the text

Correct Answer: B) Highlights the text

Question 4:

Which HTML tag is used to display chemical formulas like H₂O, where the "2" appears in subscript?

A) `<sup>`

B) `<sub>`

C) `<small>`

D) `<big>`

Correct Answer: B) `<sub>`

Question 5:

Which tag should you use if you want to display mathematical exponents, like x²?

A) `<sup>`

B) `<sub>`

C) `<strong>`

D) `<b>`

Correct Answer: A) `<sup>`

Question 6:

Which HTML tag is used to make text appear smaller than the surrounding text?

A) `<small>`

B) `<big>`

C) `<sub>`

D) `<del>`

Correct Answer: A) `<small>`

Question 7:

What is the function of the `<del>` tag in HTML?

A) To italicize the text

B) To strike through the text

C) To make text bold

D) To add a hyperlink

Correct Answer: B) To strike through the text

Question 8:

Which tag is used to create a hyperlink in HTML?

A) `<a>`

B) `<mark>`

C) `<i>`

D) `<del>`

Correct Answer: A) `<a>`

1. **Html links**

Question 1:

Which HTML tag is used to create a hyperlink?

A) `<link>`

B) `<a>`

C) `<h1>`

D) `<div>`

Correct Answer: B) `<a>`

Question 2:

In the following code, what does the `href` attribute do?

<a href="https://www.youtube.com">youtube</a>

A) It defines the link's text.

B) It specifies the URL of the page the link will navigate to.

C) It changes the font size.

D) It makes the text bold.

Correct Answer: B) It specifies the URL of the page the link will navigate to.

Question 3:

In the code below, what will clicking on "heading" do?

<a href="./heading.html">heading</a>

A) It will navigate to an external website.

B) It will open a new tab.

C) It will navigate to a file named `heading.html` in the current folder.

D) It will reload the same page.

Correct Answer: C) It will navigate to a file named `heading.html` in the current folder.

Question 4:

Which of the following is an example of an absolute URL in HTML?

A) `href="./heading.html"`

B) `href="https://www.youtube.com"`

C) `href="heading.html"`

D) `href="#"`

Correct Answer: B) `href="https://www.youtube.com"`

Question 5:

What will happen if you click on the link with the text "youtube" in the provided HTML code?

A) It will open a YouTube page in the same tab.

B) It will open a YouTube page in a new tab.

C) It will reload the current page.

D) It will navigate to a file on your computer.

Correct Answer: A) It will open a YouTube page in the same tab.

Question 6:

What does the `<br>` tag do in the following code?

<a href="./heading.html">heading</a><br>

A) It makes the text bold.

B) It adds a line break between the two links.

C) It changes the font color.

D) It centers the text.

Correct Answer: B) It adds a line break between the two links.

1. **Html img**

Question 1:

Which HTML tag is used to display an image?

A) `<div>`

B) `<a>`

C) `<img>`

D) `<span>`

Correct Answer: C) `<img>`

Question 2:

In the following code, what does the `src` attribute represent?

<img src="./img1.png" alt="cannot found image">

A) The image's title.

B) The location of the image file.

C) The size of the image.

D) The border around the image.

Correct Answer: B) The location of the image file.

Question 3:

What is the purpose of the `alt` attribute in the `<img>` tag?

A) It displays a caption under the image.

B) It provides alternative text if the image cannot be loaded.

C) It changes the size of the image.

D) It centers the image.

Correct Answer: B) It provides alternative text if the image cannot be loaded.

Question 4:

In the following code, what will happen if the `img1.png` file is not found?

<img src="./img1.png" alt="cannot found image">

A) The page will not display anything.

B) The text "cannot found image" will be displayed.

C) A broken image icon will be shown with no text.

D) The browser will display a 404 error.

Correct Answer: B) The text "cannot found image" will be displayed.

Question 5:

What file format is being used for the image in this HTML code?

<img src="./img1.png" alt="cannot found image">

A) JPEG

B) PNG

C) GIF

D) SVG

Correct Answer: B) PNG

Question 6:

Which attribute is \*\*required\*\* in the `<img>` tag to display an image properly?

A) `alt`

B) `href`

C) `src`

D) `class`

Correct Answer: C) `src`

1. **Html table, Html table attributes**

Question 1:

Which HTML tag is used to define a table row?

A) `<th>`

B) `<td>`

C) `<tr>`

D) `<table>`

Correct Answer: C) `<tr>`

Question 2:

What does the `colspan` attribute do in a `<td>` tag?

A) It combines two or more rows.

B) It splits a column into two.

C) It combines two or more columns.

D) It merges the table with another table.

Correct Answer: C) It combines two or more columns.

Question 3:

What does the `rowspan` attribute do in this HTML table?

A) It makes a row take up two or more columns.

B) It allows a cell to span across multiple rows.

C) It duplicates a row.

D) It merges two or more tables together.

Correct Answer: B) It allows a cell to span across multiple rows.

Question 4:

In the following code snippet, how many columns does the first row span in total?

<tr>

<td colspan="2">ahmed m7md</td>

<td>20</td>

</tr>

A) 1

B) 2

C) 3

D) 4

Correct Answer: C) 3

Question 5:

What is the function of the `<th>` tag in an HTML table?

A) To define a standard cell.

B) To define a header cell.

C) To create a table border.

D) To add a caption to the table.

Correct Answer: B) To define a header cell.

Question 6:

In this HTML table, which cell spans across two rows?

A) `<td>m7md</td>`

B) `<td>30</td>`

C) `<td>ahmed m7md</td>`

D) `<td rowspan="2">a7md a7md</td>`

Correct Answer: D) `<td rowspan="2">a7md a7md</td>`

Question 7:

How many rows are there in the table?

A) 1

B) 2

C) 3

D) 4

Correct Answer: C) 3

1. **- Html order list and its attributes**

Question 1:

What HTML tag is used to create an ordered list in the `<body>` section?

A) `<ul>`

B) `<list>`

C) `<ol>`

D) `<item>`

Correct Answer: C) `<ol>`

Question 2:

How many list items are included in the ordered list within the `<body>` section?

A) 1

B) 2

C) 3

D) 4

Correct Answer: C) 3

Question 3:

What does the `type="I"` attribute in the `<ol>` tag specify about the list items?

A) The list items will be numbered with Arabic numerals.

B) The list items will be numbered with uppercase letters.

C) The list items will be numbered with lowercase letters.

D) The list items will be numbered with Roman numerals.

Correct Answer: D) The list items will be numbered with Roman

Question 4:

which of the following tags is used to define an item in the ordered list?

A) `<ol>`

B) `<li>`

C) `<item>`

D) `<ul>`

Correct Answer: B) `<li>`

Question 5:

What content is displayed as the first item in the ordered list?

A) `css`

B) `js`

C) `html`

D) `order list`

Correct Answer: C) `html`

Question 6:

1. **-Html unorder list and its attributes**

Question 2:

What is the purpose of the `type="none"` attribute in the `<ul>` tag?

A) It specifies that the list items should have Roman numerals.

B) It sets the list to display with no bullet points.

C) It sets the list to display with decimal numbers.

D) It defines the font style for the list items.

Correct Answer: B) It sets the list to display with no bullet points.

Question 3:

Question 4:

Which HTML tag defines each item within the unordered list?

A) `<ul>`

B) `<li>`

C) `<item>`

D) `<list>`

Correct Answer: B) `<li>`

Question 5:

What will be the display style of the list items due to the `type="none"` attribute?

A) The list items will be numbered.

B) The list items will be displayed with bullet points.

C) The list items will be displayed without bullet points.

D) The list items will be in italics.

Correct Answer: C) The list items will be displayed without bullet points.

Question 6:

1. **- Html nested list and its attributes**

Question 2:

What is the purpose of the nested `<ol>` tags within the `<ul>` list items?

A) To create a sublist with bullet points

B) To create a nested ordered list under each list item

C) To add definitions to the list items

D) To format text within the list items

Correct Answer: B) To create a nested ordered list under each list item

Question 3:

How many levels of lists are present in the provided HTML code?

A) 1

B) 2

C) 3

D) 4

Correct Answer: B) 2

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Question 6:

What will be the numbering style for the nested ordered lists?

A) Roman numerals

B) Arabic numerals

C) Uppercase letters

D) Lowercase letters

Correct Answer: B) Arabic numerals

Question 7:

In the provided HTML code, how many `<li>` elements are there in total?

A) 4

B) 5

C) 6

D) 7

Correct Answer: C) 6

1. **–html media**

**Question 1:**  
What does the src attribute in the <iframe> tag specify?  
A) The width of the iframe  
B) The height of the iframe  
C) The URL of the embedded content  
D) The title of the iframe

**Correct Answer:** C) The URL of the embedded content

1. **–html form1,2,3,4**

Question 1:

What is the purpose of the `action` attribute in the `<form>` tag?

A) To specify the method of form submission

B) To define where the form data will be sent when the form is submitted

C) To set the background color of the form

D) To specify the default values for the form fields

Correct Answer: B) To define where the form data will be sent when the form is submitted

Question 2:

What type of input field is used to capture a user's password in the form?

A) `<input type="text">`

B) `<input type="email">`

C) `<input type="password">`

D) `<input type="radio">`

Correct Answer: C) `<input type="password">`

Question 3:

What is the function of the `<select>` element in the form?

A) To allow the user to input free text

B) To provide a drop-down menu for the user to choose from

C) To submit the form data

D) To display a list of checkboxes

Correct Answer: B) To provide a drop-down menu for the user to choose from

Question 4:

Which HTML element is used to create radio buttons in the form?

A) `<input type="checkbox">`

B) `<input type="text">`

C) `<input type="radio">`

D) `<select>`

Correct Answer: C) `<input type="radio">`

Question 5:

How many checkboxes are included in the form?

A) 1

B) 2

C) 3

D) 4

Correct Answer: C) 3

Question 6:

What is the purpose of the `placeholder` attribute in the `<input type="text">` element?

A) To specify the value that will be submitted with the form

B) To display a hint or description within the input field

C) To set the size of the input field

D) To define the input type

Correct Answer: B) To display a hint or description within the input field

Question 7:

What is the function of the `name` attribute in the `<input type="radio">` elements?

A) To specify the unique ID for the radio button

B) To group radio buttons so that only one can be selected at a time

C) To set the default value of the radio button

D) To define the text label for the radio button

Correct Answer: B) To group radio buttons so that only one can be selected at a time

Question 8:

Which attribute is missing from the `<select>` element that would typically specify the options available for selection?

A) `name`

B) `id`

C) `action`

D) `value`

Correct Answer: A) `name`