QUIZ – 1
INTRODUCTION TO HTML

Scenario 1: Introduction to HTML

You are tasked with creating a simple HTML document for a new webpage that includes a header, a paragraph, and a footer.

Question 1: Basic HTML Structure

Which of the following is the correct way to start an HTML5 document?

A) <!DOCTYPE html5><html>
B) <!DOCTYPE html><html>
C) <html><doctype html>
D) <doctype html>

Question 2: HTML Tags

Which of the following tags is used to wrap all the content on a webpage?

A) <html></html>
B) <body></body>
C) <div></div>
D)

Question 3: Paragraph and Heading Tags

Which tag is used to define the main heading of the page?

A) <p>
B) <h1>
C) <title>
D) <header>

Question 4: Including a Footer

Which tag would you use to define a footer in an HTML document?

A)
B) <footer></footer>
C)
D) <end></end>

Scenario 2: HTML Elements and Attributes

You are developing a webpage that includes various HTML elements such as images, links, and lists.

Question 1: Image Tag Attributes

Which attribute of the <img> tag specifies the source of the image?

A) href
B) link
C) src
D) alt

Question 2: Importance of the Alt Attribute

Why is the alt attribute used in an <img> tag?

A) To link the image to another page
B) To provide alternative text for screen readers and when the image cannot be displayed
C) To define the size of the image
D) To apply CSS styles to the image

Question 3: Hyperlinking with Anchor Tags

How do you create a hyperlink that opens in a new tab?

A) Link
B) Link
C) Link
D) Link

Question 4: Ordered and Unordered Lists

Which attribute is used to change the numbering style of an ordered list?

A) style
B) class
C) type
D) order

Scenario 3: Understanding File Paths

You are organizing resources (images, stylesheets, and scripts) for a website and need to correctly reference them using relative and absolute paths.

Question 1: Relative Path Syntax

Which of the following is the correct relative path to link a CSS file located in a styles directory within the root directory of your project?

A) <link rel='stylesheet' href='./styles/style.css'>
B) <link rel='stylesheet' href='../styles/style.css'>
C) <link rel='stylesheet' href='/styles/style.css'>
D) <link rel='stylesheet' href='styles/style.css'>

Question 2: Absolute Path Example
Which of the following is an absolute path?

A) '/assets/images/photo.jpg'
B) 'C:/Users/Username/Documents/website/assets/images/photo.jpg'
C) 'images/photo.jpg'
D) './images/photo.jpg'

Question 3: Navigating Parent Directories
If your HTML file is in a pages directory, and you need to link to an image in the images directory located in the parent directory, which is the correct relative path?

A) '../images/photo.jpg'
B) './images/photo.jpg'
C) '../../images/photo.jpg'
D) 'images/photo.jpg'

Question 4: Best Practices in Path References
Why is it generally recommended to use relative paths instead of absolute paths in web development?

A) They are easier to type.
B) They ensure that links work regardless of where the project is moved.
C) They allow images to load faster.
D) They are preferred by all browsers.

Scenario 4: Lists and Text Formatting in HTML
You are designing a webpage for an e-commerce site, where you need to display products in both ordered and unordered lists.

Question 1: Creating an Unordered List
Which of the following is the correct syntax to create an unordered list?

A) Item 1
Item 2
B) Item 1
Item 2
C) <list><item>Item 1</item><item>Item 2</item></list>
D) <unordered><item>Item 1</item><item>Item 2</item></unordered>

Question 2: Changing List Markers
How can you change the bullet style of an unordered list to a circle?

A) <ul type='circle'>
B) <ul style='circle'>
C) <ul shape='circle'>
D) <ul bullet='circle'>

Question 3: Nesting Lists

You want to create a nested list where each product category contains a list of products. Which of the following is the correct way to structure this in HTML?

A) Category
Product 1
Product 2
B) Category
Product 1
Product 2
C) Category
Product 1
D) <list>
Category<list>
Product 1
</list>
</list>

Question 4: Formatting Text

Which tag would you use to make a section of text bold?

A) <i></i>
B) <u></u>
C)
D)

Scenario 5: Form Elements and Attributes

You are building a user registration form that includes fields for the user's name, email, password, and a submit button.

Question 1: Creating Text Input Fields

Which of the following is the correct way to create a text input field for a user's name?

A) <input type='text' name='username'>
B) <input type='name' id='username'>
C) <input type='text-field' name='username'>
D) <input type='text' value='username'>

Question 2: Email Input Validation

Which input type ensures that the user must enter a valid email address?

A) <input type='text'>
B) <input type='email'>
C) <input type='email-address'>
D) <input type='email-text'>

Question 3: Password Input Field

Which attribute of the <input> tag should be used to create a password field where the characters are obscured?

A) type='hidden'
B) type='password'
C) type='secure'
D) type='text'

Question 4: Adding a Submit Button
Which of the following correctly adds a submit button to a form?

A) <button type='submit'>Submit</button>
B) <input type='submit' value='Submit'>
C) <input type='button' value='Submit'>
D) <button type='button'>Submit</button>

Scenario 6: Working with Anchor Tags and Hyperlinks
You need to create hyperlinks that navigate to different sections of the website and external pages.

Question 1: Creating a Basic Hyperlink
Which of the following is the correct syntax to create a hyperlink to another webpage?

A) <link href='page.html'>Go to Page</link>
B) Go to Page
C) Go to Page
D) Go to Page

Question 2: Target Attribute in Anchor Tags
What does the target='_blank' attribute do in an anchor tag?

A) It opens the link in the same tab.
B) It opens the link in a new tab.
C) It opens the link in a new window.
D) It opens the link in the parent frame.

Question 3: Internal Links
How would you create an internal link that jumps to a section within the same webpage?

A) Go to Section 1
B) Go to Section 1
C) Go to Section 1
D) Go to Section 1

Question 4: Linking to External Websites
Which of the following is the correct way to link to an external website?

A) Visit Example
B) Visit Example
C) Visit Example
D) Visit Example

Scenario 7: Understanding Comments and Metadata in HTML

You are refining the HTML code by adding comments and metadata for better organization and SEO.

Question 1: Adding Comments in HTML

How would you write a comment in HTML that does not get displayed on the webpage?

A) <!-- This is a comment -->
B) <!-- This is a comment
C) <comment>This is a comment</comment>
D) <-- This is a comment -->

Question 2: Purpose of Metadata

Which of the following best describes the purpose of the <meta> tag in HTML?

A) To define styles for the document
B) To specify the character set, description, keywords, and author of the webpage
C) To include external JavaScript files
D) To link to external CSS files

Question 3: Specifying the Character Set

Which of the following is the correct way to specify the character encoding for an HTML document?

A) <meta charset='utf-8'>
B) <meta encoding='utf-8'>
C) <meta type='charset' value='utf-8'>
D) <meta charset='utf8'>

Question 4: Including the Page Description

Where should the description of a webpage be placed for SEO purposes?

A) In the <title> tag
B) In the <meta> tag with name='description'
C) In the <header> tag
D) In the <body> tag

Scenario 8: Advanced HTML Elements

You are enhancing a webpage with advanced HTML elements such as tables, forms, and multimedia.

Question 1: Creating a Table

Which of the following tags is used to create a row in an HTML table?

A) <tr></tr>
B) <td></td>
C) <table></table>
D) <th></th>

Question 2: Adding a Table Header

Which tag is used to define a header cell in a table?

A) <th></th>
B) <tr></tr>
C) <thead></thead>
D) <header></header>

Question 3: Embedding a Video

Which tag is used to embed a video file in an HTML document?

A) <embed>
B) <video>
C) <media>
D) <iframe>

Question 4: Creating a Textarea

Which tag is used to create a multi-line text input field?

A) <input type='textarea'>
B) <textarea></textarea>
C) <input type='text' rows='4'>
D) <textarea type='text'></textarea>

Scenario 9: Understanding Forms in HTML

You need to create a form on a webpage to gather user information such as name, email, and feedback.

Question 1: Method Attribute in Forms

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

A) To specify the URL where the form data will be sent
B) To define how the form data should be submitted (GET or POST)

C) To include a submit button in the form
D) To create input fields for the form

Question 2: Action Attribute in Forms

What does the action attribute in the <form> tag specify?

A) The method used to submit the form data
B) The URL to which the form data will be submitted
C) The format of the form data
D) The validation rules for the form

Question 3: Adding a Label for Input

How do you associate a label with a specific input field in a form?

A) By wrapping the <input> tag inside the <label> tag
B) By using the for attribute in the <label> tag and matching it with the id of the input
C) By placing the <label> tag immediately after the <input> tag
D) By adding a name attribute to the <label> tag

Question 4: Validating Form Inputs

Which attribute would you use to ensure that a user must fill out a text field before submitting the form?

A) required
B) validate
C) mandatory
D) checked