

web Designing Assignment Term-1 module (HTML)-1

* Are the HTML tags and elements the same things?

Ex) HTML Tags and Elements are sometimes perceived as the same. However, they are not. Elements are div, p, aside, section etc. and tags are < > an HTML element is defined by a starting tag. If the element contains other content, it ends with a closing tag.

Ex) <p> is starting tag of a paragraph and

</p> is closing tag but
<p> this </p> → paragraph element.

* what are tags and attributes in HTML?

Ex) HTML Tags are used to define the beginning and end of an HTML element. They consist of an opening bracket (<), followed by the name of the element and then a closing bracket (>).

HTML Attributes is used to define the character of an HTML element. It always placed in the opening tag of an element.

` → tag`

``

src and alt called attributes

attributes means inside of tag.

what are void elements in HTML?

(A) with Example.

Q: What is a void element?

~~(B)~~ A void element is an element in HTML that cannot have any child nodes.

- void elements only have start tag; end tags must not be specified for void element.

~~EX~~ ``

` → is invalid in HTML`

- a void element must not have an end tag.

what are HTML Entities? with Example

~~Ex~~ You can use an entity in your HTML document by name or by a numerical character reference. Each entity starts and ends with a symbol -

ampersand (&) and ends with a semicolon (;).

~~Ex~~

` `

`<`

`>`

`&hy;`

* what are different types of lists in HTML? with Example

Ex) These are three types of lists in HTML.

1. Unordered list or Bulleted list (ul)
2. ordered list or Numbered list (ol)
3. Description list or Definition list (dl)

Ex

list types = "square"

<ul style="list-style-type: square">

 milk

 water

 drink

list types = "I" start = "3"

<ul style="list-style-type: none">

 Pizza

 Burger

 Pani Puri

<dl>

<dt> coffee </dt>

<dd> - black hot drink </dd>

<dt> milk </dt>

<dd> - white cold drink </dd>

</dl>

f what are the various formatting tags in HTML?

\Rightarrow Formatting elements were designed to display special types of text:

- `` - Bold text
- `` - Important text
- `<i>` - Italic text
- `` - Emphasized text
- `<mark>` - Masked text
- `<small>` - Smaller text

~~Formatting elements~~ `` - Deleted text

~~Addressing~~ `<address>` - Addressed text

- `<sub>` - Subscript text
- `<sup>` - Superscript text

~~Rows and Columns~~ f How can we club two or more rows or columns into a single row or column in an HTML table? with example.

\Rightarrow It can be done by using the `rowsSpan` and `colsSpan` attribute in HTML. The `rowsSpan` is used to merge or combine the number of cells in a row whereas the `colsSpan` is used to merge column cells in a table.

Ex

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta>
    <meta>
    <title> marksheet </title>
  </head>
  <body>
    <table border="1">
      <thead>
        <tr>
          <th colspan="6"> Student
          <th colspan="6"> marksheet </th>
        </tr>
        <tr>
          <th> name </th>
          <th> maths </th>
          <th> English </th>
          <th> Science </th>
          <th> Social </th>
          <th> Total </th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td> David </td>
          <td> 85 </td>
          <td> 90 </td>
          <td> 88 </td>
          <td> 92 </td>
          <td> 448 </td>
        </tr>
      </tbody>
    </table>
  </body>
</html>

```

f what is the difference between a block-level element and an inline element?

Ex) Inline elements only cover the space as bounded by the tags in the HTML element. Block level elements have top and bottom margins.

f what is the use of an iframe tag with example?

- Ex) The HTML <iframe> tag specifies an inline frame.
An inline frame is used to embed another document within the current HTML document.

Ex.

```
<!DOCTYPE html>
<html>
  <head>
    <title>My First Iframe</title>
  </head>
  <body>
    <h2> HTML Iframes example </h2>
    <iframe src="https://www.w3schools.com">
      Your browser does not support iframes.
    </iframe>
  </body>
</html>
```

f what is the uses of a span tag? Explain with example?

Ex) tag is an inline container used to markup a part of a text or a part of a document.

Ex

```

<P> <SPAN style = "color : blue">
    blue <SPAN> Hello Suryat
    <SPAN style = "color : red">
        red <SPAN> How are you. </P>
        → blue Hello Suryat red How are you.
    
```

Q What is the 'class' attribute in HTML?

with Example.

Ex The 'class' is an attribute that specifies one or more class names for an HTML element.

Ex

```

<!DOCTYPE html> <html> <head> <style>
    <body> <div class = "city">
        <h2> London </h2>
        <p> I am a city </p>
    </div>
</body>
</html>
    
```

Q) what is the difference between the 'id' attribute and the 'class' attribute of HTML elements ? with Example.

Ex) class name can be used by multiple HTML elements while an id name must only be used by one HTML element within the page.

Q) what are the various formatting tags in HTML.

Ex) ``, ``, `<i></i>`, `<kern></kern>`,
`<small></small>`, ``, ``.

Q) How is insert a Picture into a background image of a web page ? with example.

Ex) In the body tag, specify the background image in the background attribute by passing the URL of the image or location path. Adding css for styling properties.

Ex)

```
<!DOCTYPE html>
<html lang="en">
  <head> <title></title>
  </head>
  <body> background = https:// ...
    <h1> </h1> </body>
  </html>
```

* How to create a hyperlink in HTML?

Ex) `<a>` element is the href attribute, which indicates the link's destination.

* How are active links different from normal links?

Ex) The default color for normal and active links is blue. Some browsers recognize an active link when the mouse cursor is placed over that link. Whereas, others recognize active links when the link has the focus. Those that don't have a mouse cursor over that link is considered a normal link.

* What are the different tags to separate sections of text?

Ex) The `
` tag is one way to separate the lines of text.

There are other tags like the `<p>` tag and `<block quotes>` tag that are also used to separate sections of text.

* what is SVR?

- ⇒ An SVR image begins with an `<svg>` element.
- ⇒ The width and height attributes of the `<svg>` element define the width and height of the SVR image.
- ⇒ The `<circle>` element is used to draw a circle.
- ⇒ A rectangle is drawn by the `<rect>` element. Rectangle on the screen are controlled by basic attributes. Set the `x` and `y` attributes to around the corners of the rectangle.

* what is difference between HTML and XHTML?

- ⇒ XHTML stands for Extensible HyperText Markup Language. It can be considered as a part of the XML markup language this is because of XHTML have features of both XML and HTML. XHTML is extended from XML and HTML.

XHTML can be considered as a better version of HTML.

* what are logical and physical tags in HTML?

Ex) The logical tags are used to tell the meaning of the enclosed text. The example of the logical tag is `` tag. When we enclose the text in the strong tag, it tells the browser that enclosed text is more important than other texts.

Ex) The physical tags are used to tell the browser how to display the text enclosed in the physical tag. Some of the examples of physical tags are ``, `<i>`, `<big>`.