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Live Training Sessions

Date :	Aug 17 2024	Board :	CBSE
Class :	8	Session :	#3
Subject :	Computer Science	Topic :	HTML Basics

Homework :

Assignment - Practice the website and read the chapter complete by next class

Classwork :

```
<html>
<head>
<title> Adarsh website</title>
</head>

<body>

  <p>
    <b>
      <h1>

        <i>Adarsh is a </i> good boy
      </h1>

      <h1>

        Adarsh is a good boy
      </h1>
    </b>
  </p>
</body>
</html>
```

```
<h1>

    Adarsh is a good boy
</h1>

<h2>

    Adarsh is a good boy
</h2>

<h3>

    Adarsh is a good boy
</h3>
<h4>

    Adarsh is a bad boy
</h4>
<hr>


</b>

</p>

</body>

</html>
```

Read this -

1. What is HTML?

Answer: HTML stands for HyperText Markup Language. It is the standard language used to create web pages. HTML describes the structure of a web page using markup.

2. What is an HTML tag?

Answer: An HTML tag is a piece of code that tells the web browser how to display content. Tags are enclosed in angle brackets, e.g., `<tagname>`. Most tags have an opening tag `<tagname>` and a closing tag `</tagname>`.

3. Write the basic structure of an HTML document.

Answer:

```
<!DOCTYPE html>
<html>
<head>
  <title>Page Title</title>
</head>
<body>
  <h1>Hello, World!</h1>
</body>
</html>
```

- `<!DOCTYPE html>`: Declares the document type.
- `<html>`: The root element of the HTML document.
- `<head>`: Contains meta-information about the document, like the title.
- `<title>`: Sets the title of the web page (shown in the browser tab).
- `<body>`: Contains the content of the web page, like text, images, etc.

4. What is the use of the `<h1>` to `<h6>` tags?

Answer: The `<h1>` to `<h6>` tags are used to define HTML headings. `<h1>` defines the most important heading, and `<h6>` defines the least important heading.

5. How do you create a hyperlink in HTML?

Answer: You can create a hyperlink using the `<a>` tag. Example:

```
<a href="https://www.example.com">Visit Example</a>
```

- `href`: The attribute that specifies the URL of the page the link goes to.

6. How do you insert an image in HTML?

Answer: You can insert an image using the `` tag. Example:

```

```

- `src`: Specifies the path to the image file.
- `alt`: Provides alternative text if the image cannot be displayed.

7. What is the difference between an ordered list and an unordered list?

Answer:

Ordered List: Uses `` and displays list items with numbers or letters.

```
<ol>
  <li>Item 1</li>
  <li>Item 2</li>
</ol>
```

-

Unordered List: Uses `` and displays list items with bullet points.

```
<ul>
  <li>Item 1</li>
  <li>Item 2</li>
</ul>
```

-

8. How do you create a table in HTML?

Answer: A table is created using the `<table>` tag along with `<tr>` (table row), `<th>` (table header), and `<td>` (table data). Example:

```
<table border="1">
  <tr>
    <th>Name</th>
    <th>Age</th>
  </tr>
  <tr>
```

```

        <td>Alice</td>
        <td>12</td>
    </tr>
    <tr>
        <td>Bob</td>
        <td>13</td>
    </tr>
</table>

```

- **border**: Specifies the border width of the table.

9. What is the purpose of the **
** and **<hr>** tags?

Answer:

**
**: Inserts a line break.

This is a line.
This is another line.

-

<hr>: Inserts a horizontal rule (a line).

<hr>

-

10. How do you create a form in HTML?

Answer: A form is created using the **<form>** tag. Example:

```

<form action="/submit">
    <label for="name">Name:</label>
    <input type="text" id="name" name="name"><br>
    <input type="submit" value="Submit">
</form>

```

- **action**: Specifies where to send the form data when the form is submitted.
- **<input>**: Creates an input field.

- `type="text"`: Specifies a text input field.
- `type="submit"`: Creates a submit button.

END

