

HTML

Assignment

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1. Explain the table and its properties.

Structure: Made with <table>, <tr> for rows, and <td> (data) or <th> (header) for cells.

Common Qualities:

border: Indicates how wide the boundary is.

width: Defines the table's width.

cellpadding: Increases the volume of cells.

cellspacing: Increases the distance between individual cells.

Example:

```
<table border="1" width="50%" cellpadding="5"
cellspacing="0">
```

```
<tr>
```

```
<th>Header 1</th>
```

```
<th>Header 2</th>
```

```
</tr>
```

```
<tr>
```

```
<td>Data 1</td>
```

```
<td>Data 2</td>
```

</tr>
</table>

2.Explain all Media elements and how they work.

HTML Media Elements

Image ():

Usage: Shows visuals.

Example:

Sound (<audio>):

Usage: Embeds audio material.

An illustration would be: <audio src="audio.mp3"
controls></audio>

Video (<video>):

Usage: Video content is embedded.

An illustration might be: <video src="video.mp4"
controls></video>

<iframe> Embedded Content:

Use: Incorporates external media (videos, maps, etc.).

For instance, `<iframe
src="https://www.example.com"></iframe>`
`width="600" height="400">`
Object: `<object>`

Usage: Plugins or multimedia content embedded.
`<object data="example.swf" width="550"
height="400"> (Example)\object>`

3. What is Get and Post in Form?

GET:

- uses the URL to send form data.
- Limited data capacity.
- Visible in the browser's address bar.
- Idempotent: making the same request again will not produce any different results.

POST:

- sends the request body's worth of form data.
- appropriate for big data sets.
- Not seen in the address bar of the browser.
- Not always idempotent—repeating the request could result in different outcomes.

4. List all the input types we have in forms.

Common HTML input types:

1. Text (`<input type="text">`):** Single-line text input.
2. Password (`<input type="password">`):** Password input.
3. Checkbox (`<input type="checkbox">`):** Checkboxes for multiple choices.
4. Radio (`<input type="radio">`):** Radio buttons for single-choice options.
5. Number (`<input type="number">`):** Numeric input.
6. Email (`<input type="email">`):** Email address input.
7. Date (`<input type="date">`):** Date input.
8. File (`<input type="file">`):** File upload input.
9. Submit (`<input type="submit">`):** Form submission button.
10. Reset (`<input type="reset">`):** Form reset button.

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