

22th Jan'23 HTML Assignments

Q.1) Explain Table and its properties.

Ans.) In HTML there is a way to organize and display data in rows and columns, like in a spreadsheet.

Tables are created using the “table” element and each row is created using the “tr” element, while each cell within a row is created using the “td” element.

Tables can also have a header row, which can be created using “th” element, which is bold in appearance.

Some properties of table in HTML include the ability to specify the width and height of the table, background color, alignment of the text within the cells.

We can also add CSS to style the table further.

Q.2) Explain all Media elements and how they work.

Ans.) In HTML, there are several elements that are used to embed media, such as audio, video and image. These elements include....

- **<audio>**: This element allows us to embed an audio file, such as an MP3, on a web page. We can also use the ‘controls’ attribute to add basic playback controls, like play and pause.

```
<audio controls>
  <source src="horse.ogg" type="audio/ogg">
  <source src="horse.mp3" type="audio/mpeg">
  Your browser does not support the audio tag.
</audio>
```

- **<video>**: This element allows us to embed a video file, such as an MP4 or WebM, on a web page. Like the “audio” element, we can also use the controls attribute to add basic playback controls in the video element.

```
<video src="testing.mp4" controls
  autoplay height="500px" width="500px">
</video>
```

- ****: This element allows us to add embed an image , such as JPEG or PNG , on a web page. We can use the ‘src’ attribute to specify the URL of the image, and the ‘alt’ attribute to provide a text description of the image for accessibility.

```

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Q.3) What is Get and Post method in form?

Ans.) In HTML, a form is used to collect input from users, such as text, radio buttons, checkboxes, etc. The data collected by a form can then be sent to a server for processing. The two main methods for sending form data to a server are the GET and POST methods.

- **GET METHOD:** The Get method is used to get/retrieve information from a server. When a user submits a form using the GET method the form data is appended to the URL and the entire URL , including the form data is sent to the server.
 - Get method is used only where when there is no sensitive information in the form like login details , card details. It is strictly avoided when we are retrieving the sensitive information from the input field.
- **POST METHOD:** The Post method is used to submit information to sever. When a user submits a form using the POST method , the form data is sent in the body of the HTTP request and is not visible in the URL .
 - The post method is typically used when the form is used for more sensitive operations , such as submitting personal information or making a purchase.

Q.4) List all the input types we have in form.

Ans.) In HTML , there are several types of input elements that can be used in a form to collect user input. These include:

- **<input type="text">:** This creates a single-line text input field , where the user can enter any type of text.

- **<input type = "password">**: This creates a single-line text input field , where the user can enter any type of text, but the character will be hidden (replaced by bullets or dots) to hide the information.
- **<input type="number">**:This creates a single-line text input field , where the user can enter only numbers.
- **<input type="email">**: This creates a single-line text input field , where the user can enter an email address.
- **<input type = "url">**: This creates a single-line text input field , where the user can enter a URL.
- **<input type="search">**: This creates a single-line text input field, where the user can enter a search.
- **<input type="tel">**: This creates a single-line text input field , where the user can enter a telephone number.
- **<input type="checkbox">**: This creates a checkbox , which allows the user to select multiple options from a group of replated options.
- **<input type="radio">**:This creates a radio button , which allows the user to select one option from a group of related options.
- **<input type="date">**: This creates a date input field , where the user can select a date from a calendar or type a date in the format of yyyy-mm-dd.
- **<input type = "file">**: This creates a file input field where the user can select one or more files to upload to the server.
- **<input type = "time">** : This creates a time input-field , where the user can select a time from a clock or type a time in the format of hh:mm.
- **<input type="submit">**: This create a submit button , using which user can submit the from and send data to the server.

- **<input type = "textarea">**: This creates a multiline text input field , where user can enter multiple lines of text.

THANK YOU 😊
