

HTML

Assignment

1.Explain the Table and its properties.

HTML tables allow web developers to arrange data into rows and columns. An HTML table consists of one `<table>` element and one or more `<tr>`, `<th>`, and `<td>` elements. The `<tr>` element defines a table row, the `<th>` element defines a table header, and the `<td>` element defines a table cell. An HTML table may also include `<caption>`, `<colgroup>`, `<thead>`, `<tfoot>`, and `<tbody>` elements.

Properties of a Table

- Each row is unique.
- Values are atomic.
- Column values are of the same kind.
- The sequence of columns is insignificant.
- The sequence of rows is insignificant.
- Each column has a unique name.

2. Explain all Media elements and how they work.

The media elements, as the HTML5 audio and video elements are generically termed, are a way of embedding playable media files directly into a web page without having to use Flash or a plug-in. The elements can be styled with CSS, integrated with SVG and Canvas, and controlled with JavaScript.

3.What is Get and Post in Form?

Get and Post methods are the HTTP request methods used inside the `<form>` tag to send form data to the server. HTTP protocol enables the communication between

the client and the server where a browser can be the client, and an application running on a computer system that hosts your website can be the server. Both GET and POST method is used to transfer data from client to server in HTTP protocol but Main difference between POST and GET method is that GET carries request parameter appended in URL string while POST carries request parameter in message body which makes it more secure way of transferring data from client to server.

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

HTML Form Input Types

In HTML `<input type=" " >` is an important element of HTML form. The "type" attribute of the input element can be various types, which defines the information field. Such as `<input type="text" name="name">` gives a text box.

Following is a list of all types of `<input>` element of HTML.

Types=" " description

image	Defines a graphical submit button.
password	Defines a one-line password input field
text	Defines a one-line text input field
radio	Defines a radio button which allows selecting one option.
reset	Defines a reset button to reset all values in the form.
button	Defines a simple push button, which can be programmed to perform a task on an event.
submit	Defines a submit button to submit the form to server
checkbox	Defines checkboxes which allow selecting multiple options form.
file	Defines to select the file from device storage.

HTML added new types of **<input>** element. Following is the list of types of elements of HTML

Types=" " " "	description
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color	Defines an input field with a specific color.
date	Defines an input field for selection of date.
datetime-local	Defines an input field for entering a date without a timezone.
email	Defines an input field for entering an email address.
month	Defines a control with month and year, without a time zone.
number	Defines an input field to enter a number.
url	Defines a field for entering URL
week	Defines a field to enter the date with week-year, without a time zone.
search	Defines a single line text field for entering a search string.
tel	Defines an input field for entering the telephone number.