Agenda

- Table tag
- Resource tags
- Anchor tag
- Form tag
- GET vs POST method
- HTML5 Features
  - Header,Footer,article,aside,nav

Table tag

- Used to create tabular representation
- Divided into 3 sections

1. Header
   - Use `<thead>` (table header)
2. Body
   - Use `<tbody>` (table body)
3. Footer
   - Use `<tfoot>` (table footer)

- To create row Use `<tr>`
- To create column In header Use `<th>` (table header column)
- In Body and Footer Use `<td>` (table data)
- Example

```html
<table>
    <thead>
        <tr>
            <th></th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <td></td>
        </tr>
    </tbody>
    <tfoot>
        <tr>
            <td></td>
        </tr>
    </tfoot>
</table>
```

- Attributes:

1. border: used to create border

2. colspan: used to merge multiple columns horizontally

3. rowspan: used to merge multiple columns vertically

Resource tag

1. Images

- img: used to add image
  - src: specify the source
  - alt: used to alternative text (rendered only in case of missing source)

2. Audio

- audio: used to play audio
  - src: to set the file to play
  - controls: to render controls
  - autoplay: to play the file automatically

3. Video

- video: used to play video
  - src: to set the file to play
  - controls: to render controls
  - autoplay: to play the file automatically

Linking Tag (Anchor)

- Used to link multiple pages
  - `<a href="page.html">text</a>`
- multiple sections within same page
  - `<a href="#top">text</a>`
- multiple pages with multiple sections
  - `<a href="page#section">text</a>`

Form tag

- Used to get inputs from user
- Inside the form tag we can use below tags

1. input

- used to get input from the user
- type attribute is used to specify the input type.
- value to type attribute can be
  - text: textual value
  - number: number value
  - email: email value
  - tel: telephone
  - date: date input
  - time: time input

- radio: create radio button
- checkbox: multiple selection
- password: masked characters
- submit: to submit values
- reset: to clear the form
- file: used to upload file

2. textarea

- used to get multi-line input

3. select

- used to render drop-down

```html
<select>
    <option>op1</option>
    <option>op2</option>
</select>
```

GET Method

- Values will be sent using Request Head
- Values will be appended on url (visible)
- Restriction on maximum size of data to be passed
- Only ascii values can be sent using GET
- URL can be bookmarked with the values
- Files can NOT sent using GET

POST Method

- Values will be sent using Request Body
- Values will be invisible
- There is no restriction on size of data
- Any value of any type (binary) can be sent by using POST
- URL can be bookmarked without the values
- Files can be using POST