



edureka!
a Veranda Enterprise



Full Stack Web Development Program

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COURSE OUTLINE

MODULE 5



1. Introduction to Web Development

2. Overview to HTML

3. Exploring fundamental HTML tags - 1

4. Exploring fundamental HTML tags - 2

5. HTML containers tags

Titles

- Form Tags
- Table Tags
- List Tags
 - Ordered List
 - Unordered List
 - Definition List
- Links and Container Tags



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Learning Objectives

By the end of this module, you will be able to:

- Recognize the `<form>` element as used in HTML to create web forms
- Create lists both ordered and unordered using list tags



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HTML `<form>` Tag

Building Interactive Web Forms

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Building Forms with `<form>` Tag

An HTML form, which is created using the `<form>` tag, is an essential part of any website that requires user input or interaction.

- The `<form>` tag is used to create an HTML form that contains input elements and allows users to submit data to a server.
- The **action** attribute specifies the URL to which the form data is sent, and the **method** attribute defines the HTTP method used for the form submission (e.g., GET or POST).

The image shows a web form titled "Complaints" with the subtitle "Help us improve our service." The form contains the following fields:

- Full name ***: Two input fields labeled "First" and "Last".
- Email ***: A single input field.
- Phone**: A single input field.
- Where did we go wrong? ***: A larger text area for feedback.

Below the fields is a red "Submit" button. At the bottom right of the form, there is a watermark that says "Activate Windows. Go to Settings to activate Windows."

Building Forms with <form> Tag (contd.)

Example:

```
<body>
  <h1> Sample Form </h1>
  <form method="GET">
    Name:<input type="text" id="name"> <br/><br/>
    Password:<input type="password" id="pwd"> <br/><br/>
    Mesage:<textarea id="msg"></textarea> <br/><br/>
    Gender:<input type="radio" name="gender" value="male"> Male
    <input type="radio" name="gender" value="male"> Female <br/><br/>
    Skills:<input type="checkbox" name="course" value="c"> C
    <input type="checkbox" name="course" value="java"> JAVA
    <input type="checkbox" name="course" value="python"> PYTHON <br/><br/>
    <input type="submit" value="submit">
  </form>
</body>
```

Output:

index2.html

File | C:/Users/nsk/food-deliver-app

Sample Form

Name:

Password:

Mesage:

Gender: ☐ Male ☐ Female

Skills: ☐ C ☐ JAVA ☐ PYTHON

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Structuring Data: Table Tags in HTML

HTML offers several table-related tags to structure tabular data on web pages, including `<table>` for the table itself, `<tr>` for table rows, `<th>` for table headers, and `<td>` for table data cells.

- The HTML table tag creates tables in our webpage consisting of rows and columns.
- It is defined using the `<table></table>` tag.
- `<table>` tag is a block-level element.
- Each row in a table is defined by `<tr> </tr>` tag .
- tr stands for table row.
- The data inside the rows are defined by using `<td> </td>` tag.
- td stands for table data.

Roll No.	Name	Course	Department
1	Lucy	EC	Engineering
2	Max	EE	Engineering
3	Elon	BA	Art

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Attributes of Table Tags

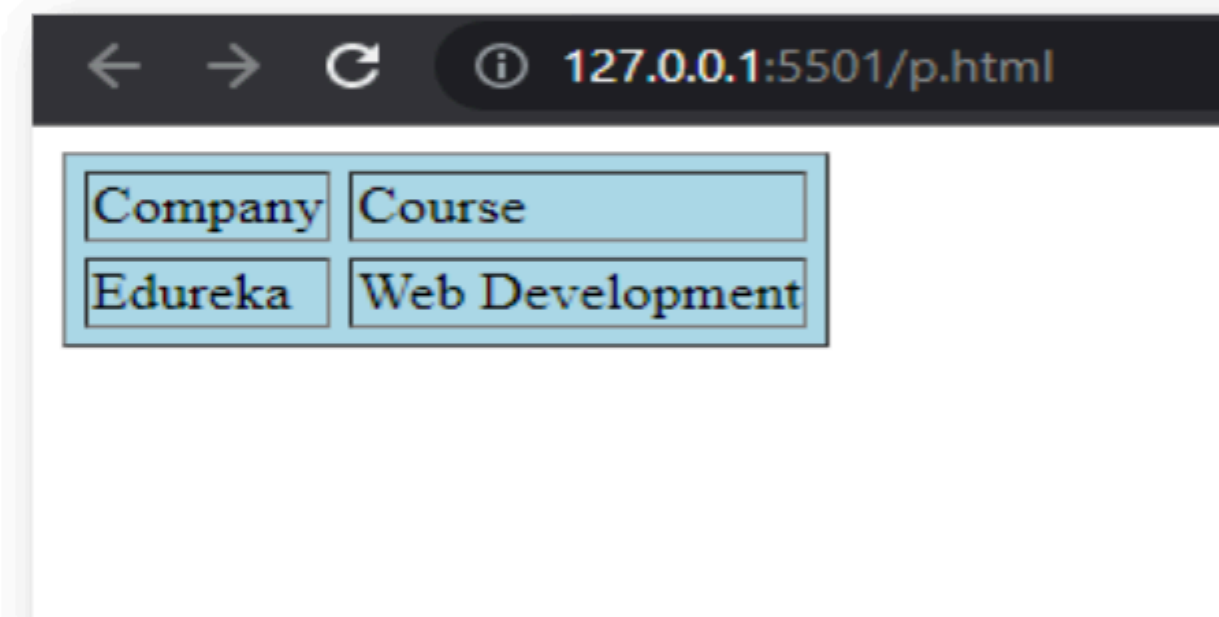
Attributes	Description
align	Specifies the horizontal alignment of the table. The default is left.
bgcolor	Specifies the background color of the table cells.
border	Specifies the width of the border around the table. If we do not use border, then no border will be applied to the table.
cellpadding	Specifies the spacing within cells, i.e. between the cell border and cell content.
cellspacing	Specifies the spacing between the cells of the table, i.e. space between two cells.

HTML Tables – Code Example

Example:

```
<body>
  <table border="1px" cellspacing="5px" bgcolor="lightblue">
    <tr>
      <td>Company</td>
      <td>Course</td>
    </tr>
    <tr>
      <td>Edureka</td>
      <td>Web Development</td>
    </tr>
  </table>
</body>
```

Output:



Company	Course
Edureka	Web Development