

TOPIC: HTML TABLE TAG.

COURSE INSTRUCTOR: ABDULLAH MAHMOOD

## HTML TABLE

### HTML Tables: Complete Guide

#### What is an HTML Table?

An HTML table is used to display data in **rows** and **columns**, similar to an Excel sheet.

Tag	Purpose
<code>&lt;table&gt;</code>	Starts the table
<code>&lt;tr&gt;</code>	Table Row (wraps a row of cells)
<code>&lt;td&gt;</code>	Table Data (regular cell)
<code>&lt;th&gt;</code>	Table Header (bold and centered by default)
<code>colspan</code>	Makes a cell span multiple columns
<code>rowspan</code>	Makes a cell span multiple rows

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```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>HTML TABLE</title>
7  </head>
8  <body>
9      <table border="1">
10         <tr>
11             <th>Name</th>
12             <th>Age</th>
13             <th>City</th>
14         </tr>
15         <tr>
16             <td>Ali</td>
17             <td>22</td>
18             <td>Lahore</td>
19         </tr>
20         <tr>
21             <td>Sana</td>
22             <td>25</td>
23             <td>Karachi</td>
24         </tr>
25     </table>
26 </body>
27 </html>
```

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Name	Age	City
Ali	22	Lahore
Sana	25	Karachi

◆ **Explanation:**

- `<th>` defines header cells.
- `<td>` defines regular cells.
- `border="1"` adds a visible border.

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# COLSPAN

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  |   <title>HTML TABLE</title>
7  </head>
8  <body>
9  |   <table border="1">
10 |       <tr>
11 |       |   <th colspan="2">Student Info</th>
12 |       </tr>
13 |       <tr>
14 |       |   <td>Name</td>
15 |       |   <td>Ali</td>
16 |       </tr>
17 |       <tr>
18 |       |   <td>Age</td>
19 |       |   <td>22</td>
20 |       </tr>
21 |       </table>
22
23
24 </body>
25 </html>
```

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Student Info	
Name	Ali
Age	22

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# ROWSPAN

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>HTML TABLE</title>
</head>
<body>
  <table border="1">
    <tr>
      <th rowspan="2">Name</th>
      <th>Subject</th>
    </tr>
    <tr>
      <td>Math</td>
    </tr>
  </table>
</body>
</html>
```

Name	Subject
	Math