

# Training Day4 report

13 June 2024

## Table tag:

The `<table>` tag defines an HTML table. 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.

**`<td>` tag:** The `<td>` tag defines a standard data cell in an HTML table.

An HTML table has two kinds of cells:

- Header cells - contains header information (created with the `<th>` element)
- Data cells - contains data (created with the `<td>` element)

The text in `<td>` elements are regular and left-aligned by default.

The text in `<th>` elements are bold and centered by default.

**`<tr>` tag:** The `<tr>` tag defines a row in an HTML table.

A `<tr>` element contains one or more `<th>` or `<td>` elements.

**`<th>` tag:** The `<th>` tag defines a header cell in an HTML table.

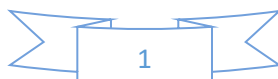
An HTML table has two kinds of cells:

- Header cells - contains header information (created with the `<th>` element)
- Data cells - contains data (created with the `<td>` element)

The text in `<th>` elements are bold and centered by default.

The text in `<td>` elements are regular and left-aligned by default.

**`colspan` tag:** To make a cell span over multiple columns, use the `colspan` attribute:



Example:

```
<table>
  <tr>
    <th colspan="2">Name</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>43</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>57</td>
  </tr>
</table>
```

**rowspan tag:** To make a cell span over multiple rows, use the **rowspan** attribute:

Example:

```
<table>
  <tr>
    <th>Name</th>
    <td>Jill</td>
  </tr>
  <tr>
    <th rowspan="2">Phone</th>
    <td>555-1234</td>
  </tr>
  <tr>
    <td>555-8745</td>
  </tr>
</table>
```

## Implementation of table tags:

```
<html>
<head>
  <title>TABLE TAG</title>
</head>
<body>
  <table border="2px" bgcolor="yellow" width="40%" >
    <tr>
      <th colspan="3">Invoice #123456789</th>
```

```

        <th>14 january 2025</th>
        <th width="10%">NUM</th>
    </tr>
    <tr>
        <td colspan="2">pay to: <br>Acme Billing Co.<br>123 Main
St.<br>Cityviie.NA 12345</td>
        <td colspan="2">Customer:<br>John Smith<br>321 Willow
Wayblob<br>Southeast Northwesternshire.MA 54321</td>
        <td width="10%">1</td>
    </tr>
    <tr>
        <td>"Name"/Description</td>
        <td>1</td>
        <td>@</td>
        <td>Cost</td>
        <td>1</td>
    </tr>
    <tr>
        <td>Paperclips</td>
        <td>1000</td>
        <td>0.01</td>
        <td>10.00</td>
        <td>1</td>
    </tr>
    <tr>
        <td>Staples(box)</td>
        <td>100</td>
        <td>1.00</td>
        <td>100.00</td>
        <td>1</td>
    </tr>
    <tr>
        <th colspan="3">Subtotal</th>
        <td>110.00</td>
        <td>1</td>
    </tr>
    <tr>
        <th colspan="2">Tax</th>
        <td>8%</td>
        <td>8.80</td>
        <td>1</td>
    </tr>
    <tr>
        <th colspan="3">Grand Total</th>
        <td>$ 118.80</td>
    </tr>

```

```

        <td>1</td>
      </tr>
    <tr>
      <th colspan="2">02-Mar-20</th>
      <td colspan="2">April 10,2020</td>
      <td>1</td>
    </tr>
    <tr>
      <td rowspan="3">1</td>
      <td>2</td>
      <td>3</td>
      <td rowspan="3">4</td>
      <td>1</td>
    </tr>
    <tr>
      <td rowspan="2">2</td>
      <td>3</td>
      <td>1</td>
    </tr>
    <tr>
      <td>3</td>
      <td>1</td>
    </tr>
    <tr>
      <td colspan="4">1</td>
      <td>1</td>
    </tr>
  </table><br><br>
  <table border="2px" bgcolor="orange" width="40%">
    <tr>
      <th colspan="9">TIME TABLE</th>
    </tr>
    <tr>
      <th>Day/Period</th>
      <th>I<br>9:30-<br>10:20</th>
      <th>II<br>10:20-<br>11:10</th>
      <th>III<br>12:00-<br>12:40</th>
      <th>12:00-<br>12:40</th>
      <th>IV<br>12:40-<br>1:30</th>
      <th>V<br>1:30-<br>2:20</th>
      <th>VI<br>2:20-<br>3:10</th>
      <th>VII<br>3:10-<br>4:00</th>
    </tr>
    <td>Monday</td>
    <td>Eng</td>

```

```

<td>Mat</td>
<td>Che</td>
<td rowspan="5">LUNCH</td>
<td colspan="3">LAB</td>
<td>Phy</td>
<tr>
<td>Tuesday</td>
<td colspan="3">LAB</td>
<td>Eng</td>
<td>Che</td>
<td>Mat</td>
<td>SPORTS</td>
</tr>
<td>Wednesday</td>
<td>Mat</td>
<td>Phy</td>
<td>Eng</td>
<td>Che</td>
<td colspan="3">LIBRARY</td>
<tr>
<td>Thuesday</td>
<td>Phy</td>
<td>Eng</td>
<td>Che</td>
<td colspan="3">LAB</td>
<td>Mat</td>
</tr>
<tr>
<td>Friday</td>
<td>Phy</td>
<td>Eng</td>
<td>Che</td>
<td colspan="3">LAB</td>
<td>Mat</td>
</tr>
</table>
</body>
</html>

```

## OUTPUT:

Invoice #123456789			14 january 2025		NUM
pay to: Acme Billing Co. 123 Main St. Cityviie.NA 12345		Customer: John Smith 321 Willow Wayblob Southeast Northwesternshire.MA 54321			1
"Name"/Description	1	@	Cost		1
Paperclips	1000	0.01	10.00		1
Staples(box)	100	1.00	100.00		1
Subtotal			110.00		1
Tax		8%	8.80		1
Grand Total			\$ 118.80		1
02-Mar-20		April 10,2020			1
1	2	3	4		1
	2	3			1
		3			1
1					1

TIME TABLE								
Day/Period	I 9:30-10:20	II 10:20-11:10	III 12:00-12:40	12:00-12:40	IV 12:40-1:30	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00
Monday	Eng	Mat	Che	LUNCH	LAB			Phy
Tuesday	LAB				Eng	Che	Mat	SPORTS
Wednesday	Mat	Phy	Eng		Che	LIBRARY		
Thuresday	Phy	Eng	Che		LAB			Mat
Friday	Phy	Eng	Che		LAB			Mat