

CYCLE : 5 - TABLES

1. Simple Tables

```
<html>
<body>

<p>
Each table starts with a table tag.
Each table row starts with a tr tag.
Each table data starts with a td tag.
</p>

<h4>One column:</h4>
<table border="1">
<tr>
  <td>100</td>
</tr>
</table>

<h4>One row and three columns:</h4>
<table border="1">
<tr>
  <td>100</td>
  <td>200</td>
  <td>300</td>
</tr>
</table>

<h4>Two rows and three columns:</h4>
<table border="1">
<tr>
  <td>100</td>
  <td>200</td>
  <td>300</td>
</tr>
<tr>
  <td>400</td>
  <td>500</td>
  <td>600</td>
</tr>
</table>

</body>
</html>
```

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2. Different Table Borders

```
<html>
<body>

<h4>With a normal border:</h4>
<table border="1">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

<h4>With a thick border:</h4>
<table border="8">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

<h4>With a very thick border:</h4>
<table border="15">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

</body>
</html>
```

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3. Table with No Borders

```
<html>
<body>

<h4>This table has no borders:</h4>
<table>
<tr>
  <td>100</td>
  <td>200</td>
  <td>300</td>
</tr>
<tr>
  <td>400</td>
  <td>500</td>
  <td>600</td>
</tr>
</table>

<h4>And this table has no borders:</h4>
<table border="0">
<tr>
  <td>100</td>
  <td>200</td>
  <td>300</td>
</tr>
<tr>
  <td>400</td>
  <td>500</td>
  <td>600</td>
</tr>
</table>

</body>
</html>
```

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4. Headings in a Table

```
<html>
<body>

<h4>Table headers:</h4>
<table border="1">
<tr>
  <th>Name</th>
  <th>Telephone</th>
  <th>Telephone</th>
</tr>
<tr>
  <td>Bill Gates</td>
  <td>555 77 854</td>
  <td>555 77 855</td>
</tr>
</table>

<h4>Vertical headers:</h4>
<table border="1">
<tr>
  <th>First Name:</th>
  <td>Bill Gates</td>
</tr>
<tr>
  <th>Telephone:</th>
  <td>555 77 854</td>
</tr>
<tr>
  <th>Telephone:</th>
  <td>555 77 855</td>
</tr>
</table>

</body>
</html>
```

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5. Empty Cells

```
<html>
<body>

<table border="1">
<tr>
  <td>Some text</td>
  <td>Some text</td>
</tr>
<tr>
  <td></td>
  <td>Some text</td>
</tr>
</table>

<p>
As you can see, one of the cells has no border. That is because it is
empty. Try to insert a space in the cell. Still it has no border.
</p>

<p>
The trick is to insert a no-breaking space in the cell.
</p>

<p>No-breaking space is a character entity. If you don't know what a
character entity is, read the chapter about it.
</p>

<p>The no-breaking space entity starts with an ampersand ("&"),
then the letters "nbsp", and ends with a semicolon (";")
</p>

<p>
</p>

</body>
</html>
```

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6. Table with a Caption

```
<html>
<body>

<h4>
This table has a caption,
and a thick border:
</h4>

<table border="6">
<caption>My Caption</caption>
<tr>
    <td>100</td>
    <td>200</td>
    <td>300</td>
</tr>
<tr>
    <td>400</td>
    <td>500</td>
    <td>600</td>
</tr>
</table>

</body>
</html>
```

7. Table Cells that Span more than one Row/Column

```
<html>
<body>

<h4>Cell that spans two columns:</h4>
<table border="1">
<tr>
    <th>Name</th>
    <th colspan="2">Telephone</th>
</tr>
<tr>
    <td>Bill Gates</td>
    <td>555 77 854</td>
    <td>555 77 855</td>
</tr>
</table>

<h4>Cell that spans two rows:</h4>
<table border="1">
<tr>
    <th>First Name:</th>
    <td>Bill Gates</td>
</tr>
<tr>
    <th rowspan="2">Telephone:</th>
    <td>555 77 854</td>
</tr>
<tr>
    <td>555 77 855</td>
</tr>
</table>

</body>
</html>
```

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8. Tags Inside a Table

```
<html>
<body>

<table border="1">
<tr>
  <td>
    <p>This is a paragraph</p>
    <p>This is another paragraph</p>
  </td>
  <td>This cell contains a table:
    <table border="1">
      <tr>
        <td>A</td>
        <td>B</td>
      </tr>
      <tr>
        <td>C</td>
        <td>D</td>
      </tr>
    </table>
  </td>
</tr>
<tr>
  <td>This cell contains a list
    <ul>
      <li>apples</li>
      <li>bananas</li>
      <li>pineapples</li>
    </ul>
  </td>
  <td>HELLO</td>
</tr>
</table>

</body>
</html>
```

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9. Cell Padding
 (control the white space between cell content and the borders)

```
<html>
<body>

<h4>Without cellpadding:</h4>
<table border="1">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

<h4>With cellpadding:</h4>
<table border="1"
cellpadding="10">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

</body>
</html>
```

10. Cell Spacing (control the distance between cells)

```
<html>
<body>

<h4>Without cellspacing:</h4>
<table border="1">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

<h4>With cellspacing:</h4>
<table border="1"
cellspacing="10">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

</body>       </html>
```


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11. Add a Background Color or a Background Image to a Table

```
<html>
<body>

<h4>A background color:</h4>
<table border="1"
bgcolor="red">
<tr>
    <td>First</td>
    <td>Row</td>
</tr>
<tr>
    <td>Second</td>
    <td>Row</td>
</tr>
</table>

<h4>A background image:</h4>
<table border="1"
background="bgdesert.jpg">
<tr>
    <td>First</td>
    <td>Row</td>
</tr>
<tr>
    <td>Second</td>
    <td>Row</td>
</tr>
</table>

</body>
</html>
```

12. Add a Background Color or a Background Image to a Table Cell

```
<html>
<body>

<h4>Cell backgrounds:</h4>
<table border="1">
<tr>
    <td bgcolor="red">First</td>
    <td>Row</td>
</tr>
<tr>
    <td
        background="bgdesert.jpg">
        Second</td>
    <td>Row</td>
</tr>
</table>

</body>
</html>
```

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13. Align the Content in a Table Cell

```
<html>
<body>

<table width="400" border="1">
  <tr>
    <th align="left">Money spent on....</th>
    <th align="right">January</th>
    <th align="right">February</th>
  </tr>
  <tr>
    <td align="left">Clothes</td>
    <td align="right">$241.10</td>
    <td align="right">$50.20</td>
  </tr>
  <tr>
    <td align="left">Make-Up</td>
    <td align="right">$30.00</td>
    <td align="right">$44.45</td>
  </tr>
  <tr>
    <td align="left">Food</td>
    <td align="right">$730.40</td>
    <td align="right">$650.00</td>
  </tr>
  <tr>
    <th align="left">Sum</th>
    <th align="right">$1001.50</th>
    <th align="right">$744.65</th>
  </tr>
</table>

</body>
</html>
```

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14. The New Frame Attribute

```
<html>
<body>

<p>
If you see no frames around the tables in these examples, your browser
is too old, or does not support it.
</p>

<h4>With frame="border":</h4>
<table frame="border">
<tr>
    <td>First</td>
    <td>Row</td>
</tr>
<tr>
    <td>Second</td>
    <td>Row</td>
</tr>
</table>

<h4>With frame="box":</h4>
<table frame="box">
<tr>
    <td>First</td>
    <td>Row</td>
</tr>
<tr>
    <td>Second</td>
    <td>Row</td>
</tr>
</table>

<h4>With frame="void":</h4>
<table frame="void">
<tr>
    <td>First</td>
    <td>Row</td>
</tr>
<tr>
    <td>Second</td>
    <td>Row</td>
</tr>
</table>

<h4>With frame="above":</h4>
<table frame="above">
<tr>
    <td>First</td>
    <td>Row</td>
</tr>
<tr>
    <td>Second</td>
    <td>Row</td>
</tr>
</table>

<h4>With frame="below":</h4>
<table frame="below">
<tr>
    <td>First</td>
    <td>Row</td>
```

```
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

<h4>With frame="hsides":</h4>
<table frame="hsides">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

<h4>With frame="vsides":</h4>
<table frame="vsides">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

<h4>With frame="lhs":</h4>
<table frame="lhs">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

<h4>With frame="rhs":</h4>
<table frame="rhs">
<tr>
  <td>First</td>
  <td>Row</td>
</tr>
<tr>
  <td>Second</td>
  <td>Row</td>
</tr>
</table>

</body>

</html>
```