

Lesson 4 *Tables*

Tags and concepts you will learn in this lesson

Table: An HTML table allows you to organize information and web pages. A table is divided into ROWS and each row is divided into CELLS.

Row

Cell

<table>

The **<table>** tag starts a table.

</table>

A **<table>** tag needs a close **</table>** tag at the very end of the table to show that the table is done

<tr>

The **<tr>** tag starts a ROW of your table.

</tr>

You must show that your ROW is finished by using a close **</tr>** tag

<td>

The **<td>** starts a CELL in your table

</td>

You must show that your CELL is finished by using the **</td>** tag

Step-by-step

1. Create a new folder on your desktop called "Lesson 4". This folder will contain images and web pages for this lesson
2. Open TextEdit to create a new web page

3. Enter these tags to start making your first table. We will make a 2X2 table that will look like this

Kittens	Puppies
Bunnies	Weasels

4. In order for these table to work correctly, we should plan out our table.

<table>

```
<tr> <td> Kittens </td> <td> Puppies </td> </tr>
<tr> <td> Bunnies </td> <td> Weasels </td> </tr>
```

</table>

Did you notice the tags we need for this table?
Let's enter them in to create this table

5.

Tables

```
<html>
<title>The Cutest Animals Ever</title>
<body>

<table>
<tr>

<td>
kittens
</td>

<td>
puppies
</td>

</tr>
<tr>

<td>
bunnies
</td>

<td>
weasels
</td>

</tr>
</table>

</body>
</html>
```

Save your page as **table.html**

How's it look? Do you see your table? If not, check to see if you have all your tags correct. It may look a little strange, not like a table at all. We'll add some attributes to this table to make it look more like a table.

<TABLE> and Table Parts Attributes

You can change how tables look by using attributes to change the border and width of a table. All these attributes go inside the tag brackets and right after the tag name.

border = 1

This attribute adds or changes a border size on a table. You can have any size border from 0 to 50.

Example

```
<table border=1>
```

bgcolor="orange"

This attribute changes the background color of the table

Example

```
<table bgcolor="orange">
```

width=100%

INSIDE THE <TABLE> TAG

This will change the width of the overall table OR a single cell. You must use percents for this. It has not effect on rows.

Example

For making a table go all the way across the page

```
<table width=100%>
```

width=50%

INSIDE THE <TD> TAG

If you would like to change the width of each cell (for instance, to make an evenly divided table), you must change the width of the cells in relation to the table. For example, if you have a table with 2 cells, you should set your width to 50% (100% divided by 2 is 50%). If you have a table with 3 cells, your width for each cell should be 33%.

Example

For dividing each cell evenly

```
<td width=50%>
```

6. Let's change our tags to make our table look better. Change these tags in table1.html

```
Tables
<html>
<title>The Cutest Animals Ever</title>
<body>
<h1>
The Cutest Animals Ever!
</h1>

<table border=1 width=100% bgcolor=""orange"">
<tr>

<td width=50%>
kittens
</td>

<td width=50%>
puppies
<td>

</tr>
<tr>

<td>
bunnies
</td>

<td>
weasels
<td>

</tr>
</table>

</body>
</html>
```

Save and look at your page. Table look better?

7. Now, to get full credit, you need to make your own table that is 2 rows with 3 cells in each row (a 2X3 table). Put some info in your table. Here's an example of what it MAY look like.

My Favorite Foods

Jelly Beans	Ice Cream	Cake
Apple Pie	Cobbler	Yum Yums