

Tips to Create a Web Table

CIM241-Creating a Web Page

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Let say we want to create a table as below:

First we need to find out how many rows and columns do we need for the table y connecting the rows and columns. See figure below. We can tell that we need a **5 rows by 3 columns** table to start with.

a	aa	aaa
b	bb	bbb
c	cc	ccc
d	dd	ddd
e	e	eee

1. Now you can star coding, create a table with 5 rows first.
 - a. `<tr></tr>`
 - b. Copy the row tag 4 time
2. Add the 3 columns with **place holder** for each row.
3. Set the table **border** and **width**, so we can see the table layout. Make sure to preview it in a browser.

<pre><body> <table border=1 width=80%> <tr> <td>a</td> <td>aa</td> <td>aaa</td> </tr> <tr> <td >b</td> <td>bb</td> <td>bbb</td> </tr> <tr> <td>c</td> <td>cc</td> <td>ccc</td> </tr> <tr> <td>d</td> <td>dd</td> <td>ddd</td> </tr> <tr> <td>e</td> <td>ee</td> <td>eee</td> </tr> </table> </body></pre>	<table border="1"><tr><td>a</td><td>aa</td><td>aaa</td></tr><tr><td>b</td><td>bb</td><td>bbb</td></tr><tr><td>c</td><td>cc</td><td>ccc</td></tr><tr><td>d</td><td>dd</td><td>ddd</td></tr><tr><td>e</td><td>ee</td><td>eee</td></tr></table>	a	aa	aaa	b	bb	bbb	c	cc	ccc	d	dd	ddd	e	ee	eee
a	aa	aaa														
b	bb	bbb														
c	cc	ccc														
d	dd	ddd														
e	ee	eee														

4. Now we can start to manipulate the look of the table with **colspan (span to the right)** and **rowspan (span down)** attributes and **delete the unnecessary rows and columns**, preview it in a browser.

```

<body>
  <table border=1 width=80%>
    <tr>
      <td colspan="3">a</td>
    </tr>
    <tr>
      <td rowspan="3">b</td>
      <td>bb</td>
      <td>bbb</td>
    </tr>
    <tr>
      <td>c</td>
      <td rowspan="2">cc</td>
    </tr>
    <tr>
      <td>d</td>
    </tr>
    <tr>
      <td colspan="3">e</td>
    </tr>
  </table>
</body>

```

Display in a browser :

a		
b	bb	bbb
	c	cc
	d	
e		

5. Now we have the desired table layout, we can give the table a title using caption attribute `<caption>My Sophisticated Table</caption>`
 By default caption is place on top of the table, for reality, place the caption tag after the table tag.

```

<body>
  <table border=1 width=80%>
    <caption> My Sophisticated
    Table</caption>
    <tr>
      <td colspan="3">a</td>
    </tr>
    <tr>
      <td rowspan="3">b</td>
      <td>bb</td>
      <td>bbb</td>
    </tr>
    <tr>
      <td>c</td>
      <td rowspan="2">cc</td>
    </tr>
    <tr>
      <td>d</td>
    </tr>
    <tr>
      <td colspan="3">e</td>
    </tr>
  </table>

```

My Sophisticated Table

a		
b	bb	bbb
	c	cc
	d	
e		

6. We can group the table coding in `<thead>`, `<tbody>`, `<tfooter>`
 7. Now we can use CSS to enhance the table.