

043- The colspan and the rowspan attribute



The colspan and the rowspan attribute

The colspan

Sometimes you may need the entries in a table to stretch across more than one column.

The “**colspan**” attribute can be used on a **<th>** or **<td>** element.

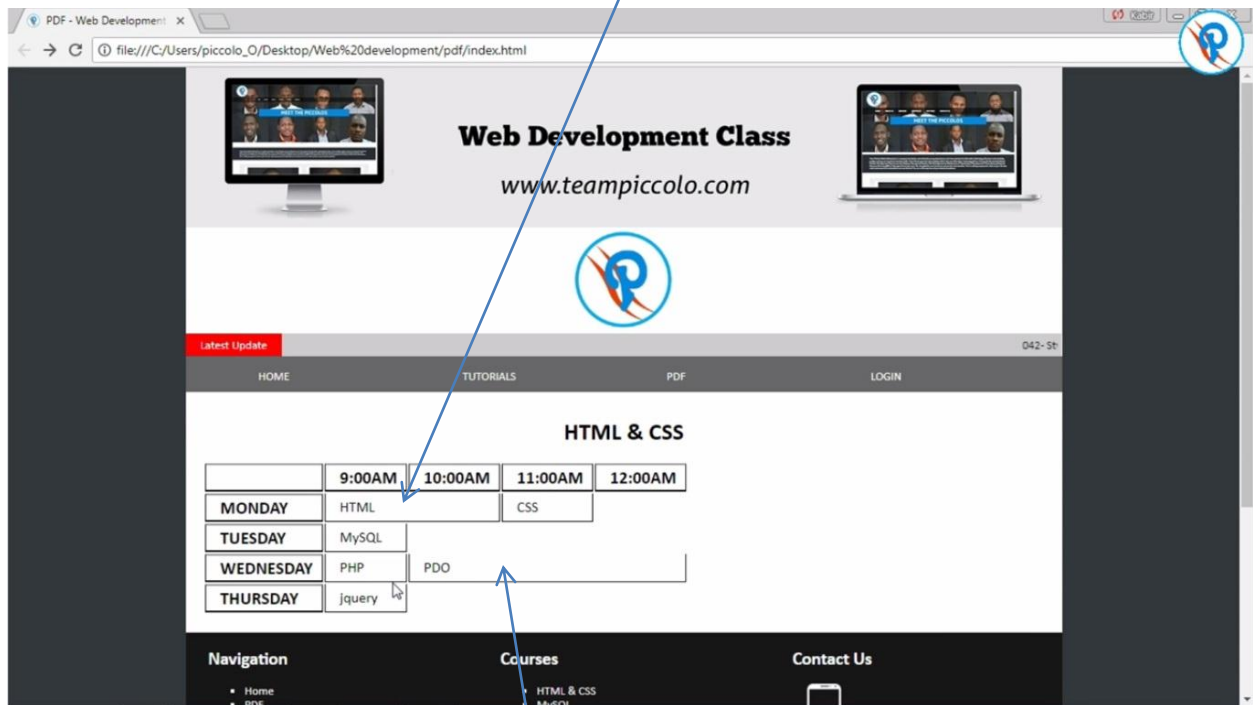
The **colspan** attribute with value of “2”

```
49 <div class="col-half">
50 <table>
51 <tr>
52 <th scope="col"></th>
53 <th scope="col">9:00am</th>
54 <th scope="col">10:00am</th>
55 <th scope="col">11:00am</th>
56 <th scope="col">12:00am</th>
57 </tr>
58 <tr>
59 <th>Monday</th>
60 <td colspan="2">HTML</td>
61 <td>CSS</td>
62 </tr>
63 <tr>
64 <th>Tuesday</th>
65 <td>MySQL</td>
66 </tr>
67 <tr>
68 <th>Wednesday</th>
69 <td>PHP</td>
70 <td colspan="3">PDO</td>
71 </tr>
72 <tr>
73 <th>Thursday</th>
74 <td>jquery</td>
75 </tr>
76 </table>
77 </div>
78 </div>
79 </div><!--End of content-->
80
```

The **colspan** attribute with value of “3”

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The HTML cell occupying two (2) columns



	9:00AM	10:00AM	11:00AM	12:00AM
MONDAY	HTML		CSS	
TUESDAY	MySQL			
WEDNESDAY	PHP	PDO		
THURSDAY	jQuery			

The PDO cell occupying two (3) columns

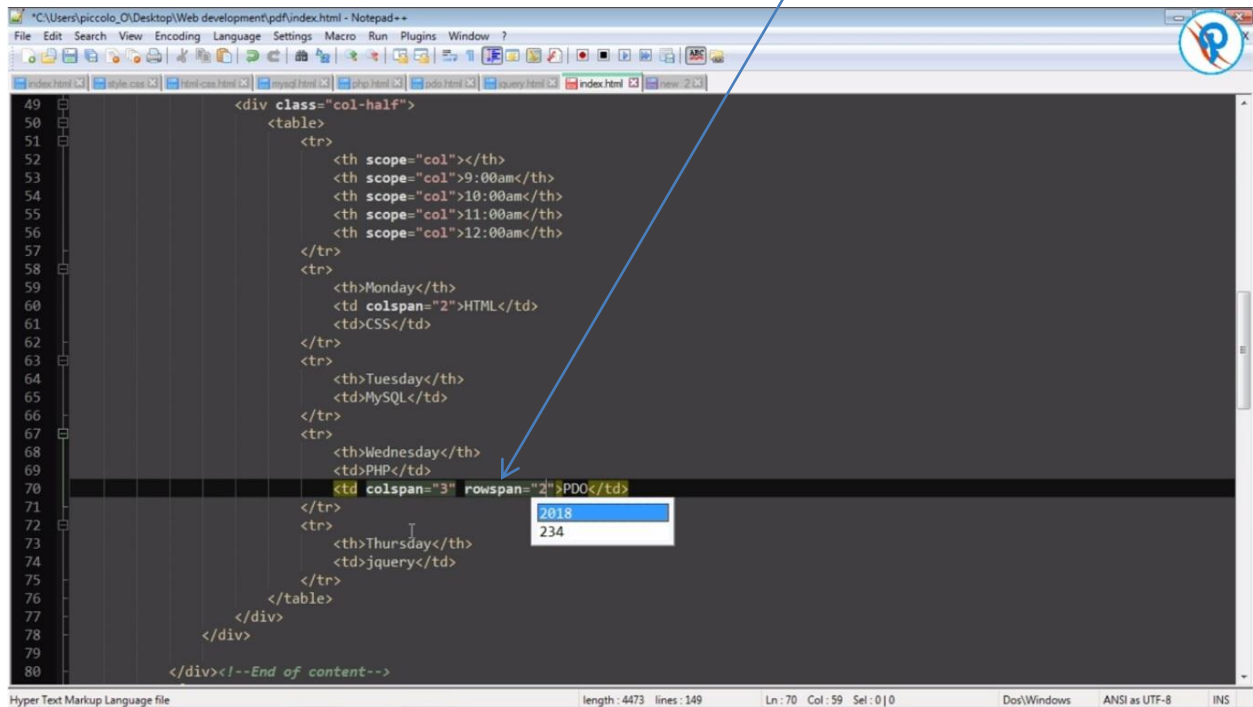
043- The colspan and the rowspan attribute

The rowspan

You may also need entries in a table to stretch down across more than one row.

The “**rowspan**” attribute can be used on a **<th>** or **<td>** element.

The “**rowspan**” attribute with value of “2”



```
49 <div class="col-half">
50 <table>
51 <tr>
52 <th scope="col"></th>
53 <th scope="col">9:00am</th>
54 <th scope="col">10:00am</th>
55 <th scope="col">11:00am</th>
56 <th scope="col">12:00am</th>
57 </tr>
58 <tr>
59 <th>Monday</th>
60 <td colspan="2">HTML</td>
61 <td>CSS</td>
62 </tr>
63 <tr>
64 <th>Tuesday</th>
65 <td>MySQL</td>
66 </tr>
67 <tr>
68 <th>Wednesday</th>
69 <td colspan="3" rowspan="2">PDO</td>
70 </tr>
71 <tr>
72 <th>Thursday</th>
73 <td>PHP</td>
74 <td>jquery</td>
75 </tr>
76 </table>
77 </div>
78 </div>
79 </div><!--End of content-->
80
```

The screenshot shows a Notepad++ window with an HTML file. The code defines a table with 5 columns. The first row contains 5 empty header cells. The second row contains 'Monday', a cell with 'HTML' and 'CSS' (colspan=2), and an empty cell. The third row contains 'Tuesday', 'MySQL', and an empty cell. The fourth row contains 'Wednesday', a cell with 'PDO' and 'PHP' (colspan=3, rowspan=2), and an empty cell. The fifth row contains 'Thursday', 'jQuery', and an empty cell. A callout box points to the 'rowspan="2"' attribute in the 'PDO' cell. Below the code, a status bar shows 'length: 4473 lines: 149 Ln: 70 Col: 59 Sel: 0 | 0 Dos/Windows ANSI as UTF-8 INS'.

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Web Development Class
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Latest Update 042- Styling our Table 043

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HTML & CSS

	9:00AM	10:00AM	11:00AM	12:00AM
MONDAY	HTML		CSS	
TUESDAY	MySQL			
WEDNESDAY	PHP			
THURSDAY	Jquery			

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The PDO cell occupying two (2) rows

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HTML ELEMENTS LEARNT

<td>	<th>	<tr>	<table>	<iframe>
<style>	<footer>	<hr />		<p>
 	<center>	<h1>	<h2>	<h3>
<h4>	<h5>	<h6>	<a>	<dd>
<dt>	<dl>			
<nav>	<marquee>			<div>
<html>	<head>	<title>	<link>	<body>

CSS PROPERTIES LEARNT

background-attachment	background-repeat	background-image
list-style-type	text-transform	font-style
font-weight	font-family	border
border-top-color	border-right-color	border-left-color
border-bottom-color	border-top-style	border-right-style
border-left-style	border-bottom-style	border-top-width
border-right-width	border-left-width	border-bottom-width
font-size	height	border-radius
border-bottom-left-radius	border-bottom-right-radius	border-top-left-radius
border-top-right-radius	text-decoration	display
color	padding-left	padding-bottom
padding-right	padding-top	text-align
float	margin-right	margin-left
margin-bottom	margin-top	margin
width	background	