

## Supplementary Lesson – Creating Tables

The HTML table model allows authors to arrange data -- text, preformatted text, images, links, forms, form fields, other tables, etc. -- into rows and columns of cells. This process is much easier with a table as opposed to large numbers of boxes arranged together. Look at the following sample of a table to see how it can be used.

*A test table with merged cells*

	Average		Red eyes
	height	weight	
<b>Males</b>	1.9	0.003	40%
<b>Females</b>	1.7	0.002	43%

<https://www.youtube.com/watch?v=dK27jWktJxs> - Creating a table in HTML

<https://www.youtube.com/watch?v=fm3uLUtlxUw> - Tables with rowspan and colspan

<https://www.youtube.com/watch?v=biI9OFH6Nmg> - CSS for tables

Create the following tables on the next pages. Place a few blank lines between each table / exercise.

# Creating Tables

In the Primary Colors table, make the color of each cell the same as the contents.

	Red	Yellow	Blue
Red	Red	Orange	Purple
Yellow	Orange	Yellow	Green
Blue	Purple	Green	Blue

In the class schedule, use shades of blue to format the table. Use rowspan and colspan as required to line up the date in the table as shown.

Class Schedule				
LESSON	TOPIC	ASSIGNMENT	Points	DUE
1	What is Distance Learning?	Wiki #1	10	March 10
		Presentation	20	
2	History & Theories	Brief Paper	20	March 24
Spring Break				
3	Distance Learners	Discussion #1	10	April 7
		Group Project	50	April 14
4	Media Selection	Blog #1	10	April 21

You can also use tables to organize a group of images. The sample on the left is very simple with just a colspan on the last row. The example on the right would require a bit of imagination with rowspan and colspan to present the images as shown.



This one will test you! Merge row and columns as required. Horizontally and Vertically center text. Change the color of the text to Red.

1	2		3	4	
	5	6		9	
		7			8
	10				

Finally, a great use of a table is to display the results of a JS program. Think of an invoice and how the table can be defined. For example:

The Gym – Customer Receipt	
Member number: XXXXXX	
Member name: XXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Address: XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX, XX XXXXXX	
Phone number: XXXXXXXXXX	
Number of members:	##
Membership cost:	\$#,###.##
HST:	\$#,###.##
Total membership cost:	\$#,###.##
Cancellation fee:	\$#,###.##

Notice the colspan for the first two rows with the heading and customer personal information. Also notice the main part of the receipt – the left side with the headings are left aligned, and the right side with the results are right aligned – also lines up the decimals in the row.