

Course Name: O Level (1st Sem)

Topic: W3.CSS – Tables (Part 6)

Subject Web Designing & Publishing (WDP)

Date: 11-June-2020

W3.CSS – Tables

W3.CSS provides various numbers of classes for styling table. These are:

w3-table

-- The **w3-table** class is used as container for HTML table.

w3-striped

-- The **w3-striped** class is used to create striped table.

w3-border

-- The **w3-border** class is used to make border around the table.

w3-bordered

-- The **w3-bordered** class is used to make bordered lines on the bottom of each row.

w3-centered

-- The **w3-centered** class is used to centrally align the contents of the table.

w3-hoverable

-- The **w3-hoverable** class is used to display hoverable table (Background color changes when mouse moved over table).

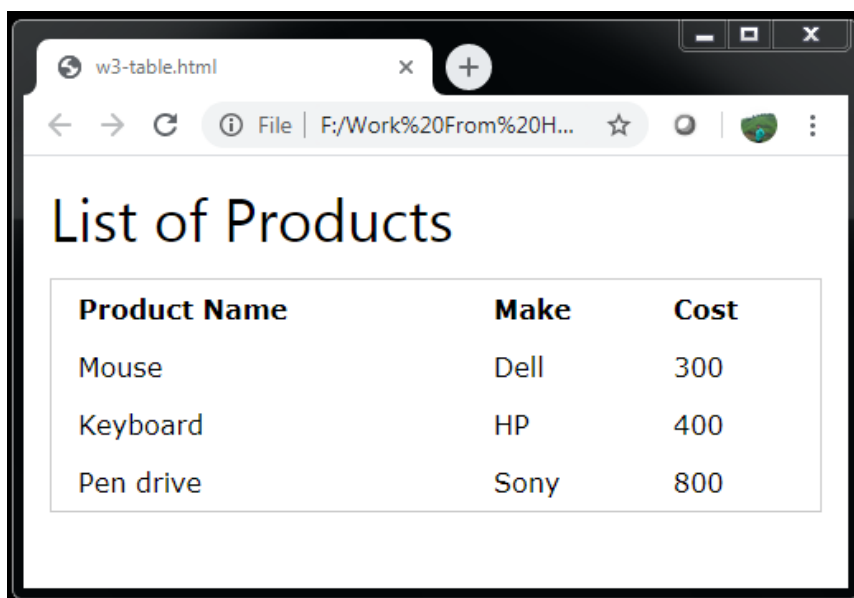
w3-table-all

-- The **w3-table-all** class is used to set all the above properties except w3-centered, w3-hoverable.

Other classes of W3CSS like Font classes, Border Classes, Color classes, etc can be used with table to make it more attractive. [w3-center, w3-size, w3-color etc]

Code: W3CSS [w3-table, w3-border]

```
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
</head>
<body>
<div class="w3-container">
<h1> List of Products </h1>
<table class="w3-table w3-border">
<tr> <th> Product Name</th> <th> Make</th> <th> Cost</th> </tr>
<tr> <td>Mouse</td> <td>Dell </td> <td>300</td> </tr>
<tr> <td>Keyboard</td> <td>HP</td> <td>400</td> </tr>
<tr> <td>Pen drive</td> <td>Sony</td> <td>800</td> </tr>
</table>
</div>
</body>
</html>
```

Output:

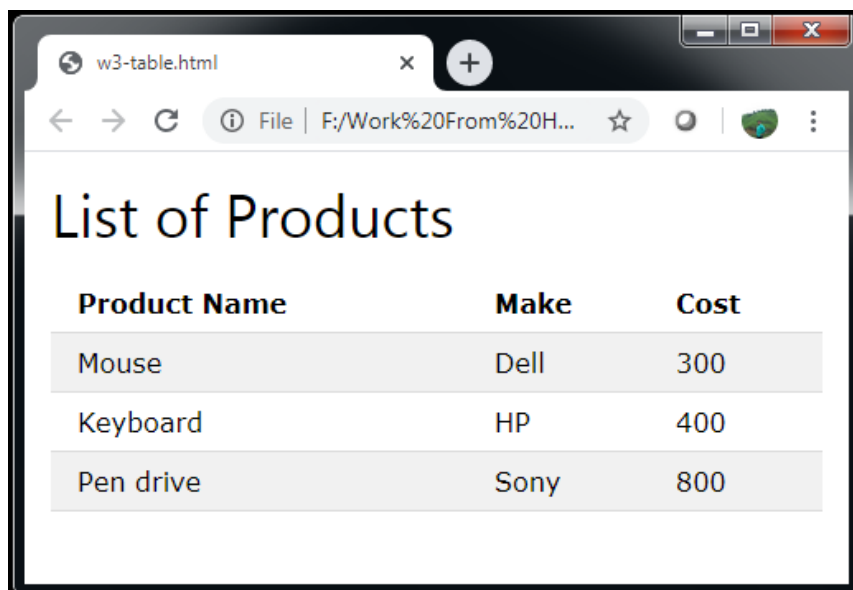
Product Name	Make	Cost
Mouse	Dell	300
Keyboard	HP	400
Pen drive	Sony	800

w3-table: Container for table element.

w3-border: It gives border around the table

Code: W3CSS [w3-striped, w3-bordered]

```
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
</head>
<body>
<div class="w3-container">
<h1> List of Products </h1>
<table class="w3-table w3-striped w3-bordered">
<tr> <th> Product Name</th> <th> Make</th> <th> Cost</th> </tr>
<tr> <td>Mouse</td> <td>Dell </td> <td>300</td> </tr>
<td>Keyboard</td> <td>HP</td> <td>400</td> </tr>
<tr> <td>Pen drive</td> <td>Sony</td> <td>800</td> </tr>
</table>
</div>
</body>
</html>
```

Output:

Product Name	Make	Cost
Mouse	Dell	300
Keyboard	HP	400
Pen drive	Sony	800

w3-striped: Makes striped (zebra) table.

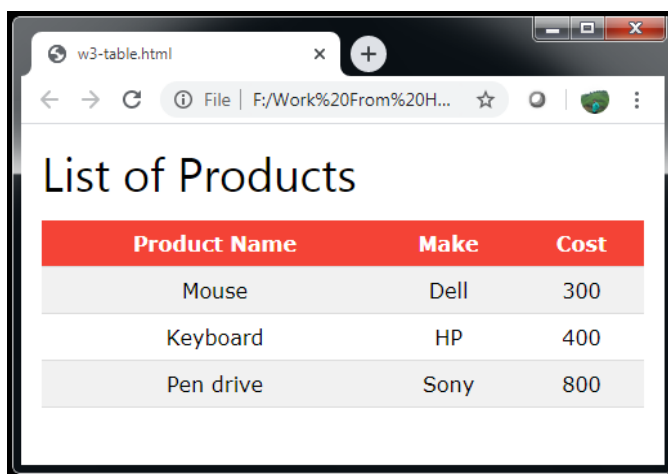
w3-bordered: It gives bottom border on each row.

Code: W3CSS [w3-centered, w3-hoverable]

```

<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
</head>
<body>
<div class="w3-container">
<h1> List of Products </h1>
<table class="w3-table w3-striped w3-bordered w3-centered w3-hoverable">
<tr class="w3-red"> <th> Product Name</th> <th> Make</th> <th> Cost</th> </tr>
<tr> <td>Mouse</td> <td>Dell </td> <td>300</td> </tr>
<td>Keyboard</td> <td>HP</td> <td>400</td> </tr>
<tr> <td>Pen drive</td> <td>Sony</td> <td>800</td> </tr>
</table>
</div>
</body>
</html>

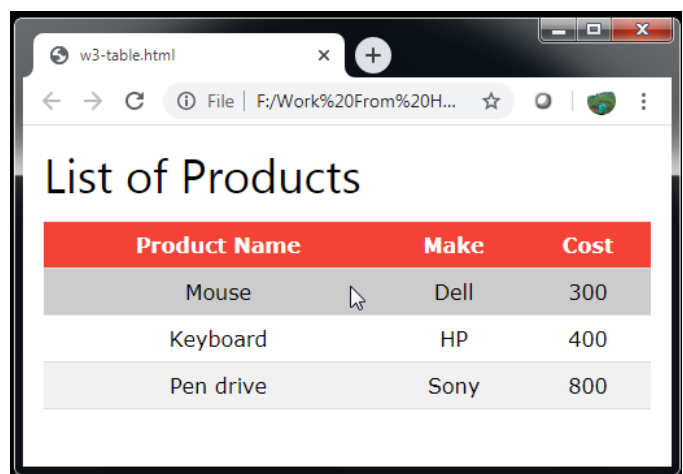
```

Output:


Product Name	Make	Cost
Mouse	Dell	300
Keyboard	HP	400
Pen drive	Sony	800

w3-centered: centrally aligns the contents of table.

w3-color class is used on first <tr> to change the color.

Output: When mouse moved over it.


Product Name	Make	Cost
Mouse	Dell	300
Keyboard	HP	400
Pen drive	Sony	800

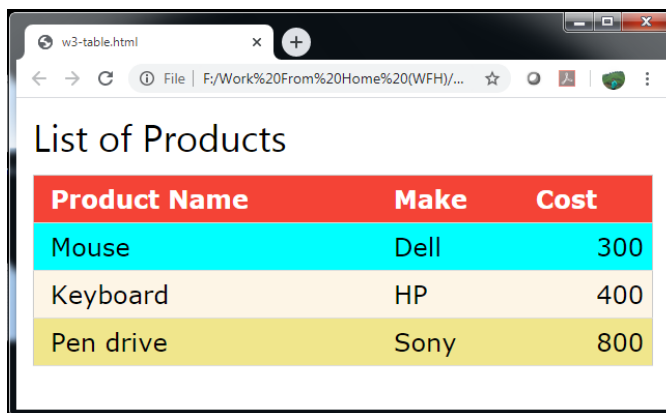
w3-hoverable: Changes the background color of row when mouse is moved over it.

Code: W3CSS Table [Combining various classes]

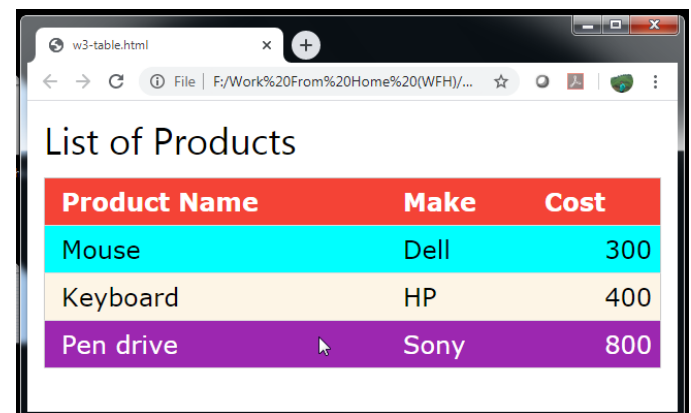
```

<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
</head>
<body>
<div class="w3-container">
<h1> List of Products </h1>
<table class="w3-table-all w3-xlarge">
<tr class="w3-red"> <th> Product Name</th> <th> Make</th> <th> Cost</th> </tr>
<tr class="w3-aqua w3-hover-teal"> <td>Mouse</td> <td>Dell </td> <td class="w3-
right-align">300</td> </tr>
<tr class="w3-sand w3-hover-lime"> <td>Keyboard</td> <td>HP</td> <td class="w3-
right-align">400</td> </tr>
<tr class="w3-khaki w3-hover-purple"> <td>Pen drive</td> <td>Sony</td> <td
class="w3-right-align">800</td> </tr>
</table>
</div>
</body>
</html>

```

Output:


Product Name	Make	Cost
Mouse	Dell	300
Keyboard	HP	400
Pen drive	Sony	800

Output: When mouse moved over it.


Product Name	Make	Cost
Mouse	Dell	300
Keyboard	HP	400
Pen drive	Sony	800

✚ Responsive table:

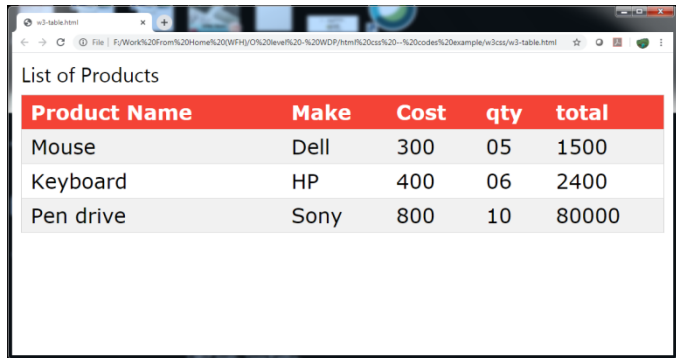
w3-responsive

-- The **w3-responsive** class is used to make responsive table. The whole <table> code is needed to be enclosed within <div> tag to make responsive table. On the smaller screen, a horizontal scroll bar is appeared to see the contents of table properly.

Code: W3CSS Responsive Table

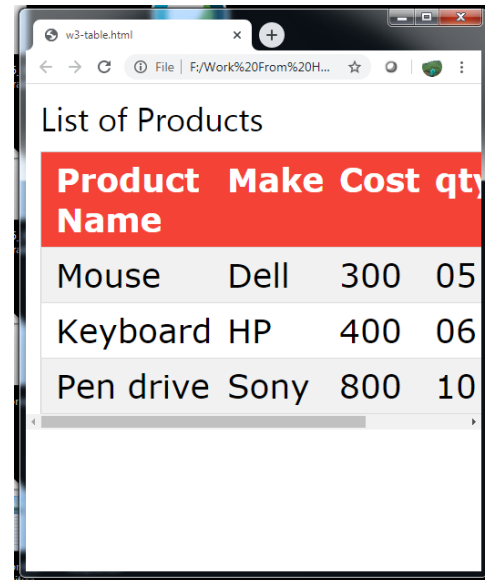
```
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
</head>
<body>
<div class="w3-container w3-responsive">
  <h1> List of Products </h1>
  <table class="w3-table-all w3-xxlarge">
    <tr class="w3-red"> <th> Product Name</th> <th> Make</th> <th> Cost</th>
    <th> qty</th><th> total</th></tr>
    <tr> <td>Mouse</td> <td>Dell </td> <td>300</td> <td>05</td>
    <td>1500</td></tr>
    <tr> <td>Keyboard</td> <td>HP</td> <td>400</td> <td>06</td> <td>2400 </td>
    </tr>
    <tr> <td>Pen drive</td> <td>Sony</td> <td>800</td> <td>10</td> <td>80000
    </td> </tr>
  </table>
</div>
</body>
</html>
```

Output:



Product Name	Make	Cost	qty	total
Mouse	Dell	300	05	1500
Keyboard	HP	400	06	2400
Pen drive	Sony	800	10	80000

Output: On smaller screen



Product	Make	Cost	qty
Name			
Mouse	Dell	300	05
Keyboard	HP	400	06
Pen drive	Sony	800	10

Exercise:

1) Create a following table in html and make it attractive using W3.CSS classes:

SN	Name	Dob	City	Mobile
01	Kartik	09-Jun-1992	Lucknow	764355427
02	Radhika	11-Sep-1997	Gorakhpur	567889876
03	Suman	03-Mar-1990	New Delhi	238744623
04	Ayaan	18-Aug-2000	Prayagraj	873565434

